

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: mdwatt@usit.net (Marty Watt)  
Subject: [15233] 38 Special: Heatsinking  
Message-ID: <3332c8ca.149025320@smtp.usit.net>

I have installed the 38 Special in a Radio Shack enclosure, 5x5x3 (appx), with the board in the center of the case. There are slots on either side to allow airflow, and the board itself is probably 1" from the back of the case.

Would this airflow be sufficient to allow the IRF510 to run without a heatsink? If it would require a heatsink, I have one of the aluminium ones from RS, but no nylon hardware. If I use the mica washer, the through-the-hole washer, and put some insulating tape between the heatsink and the PC board, can I use a metal screw to mount the heatsink to the 510?

Thanks for the help ...

72 es 73 de=20  
Marty, KM7W

-----  
Jackson, Tennessee e-mail: mdwatt@usit.net  
http://www.public.usit.net/mdwatt  
"The Curmudgeon's Corner"  
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq  
-----

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: tahrens1@juno.com  
Subject: [15129] 38S - Xmitter offset - NOT  
Message-ID: <19970319.195136.4895.4.tahrens1@juno.com>

Anybody have a problem with their 38s not shifting the 12 mhz oscillator during transmit? Looks like all signals are going low when keying, but only about 100 hz shift.. 40-9er?!! :-[

Thanks!

Tim W5FN

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997

From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>  
Subject: [15219] 38s 5 W mod  
Message-ID: <Pine.OSF.3.95.970320144132.12851A-100000@duke.usask.ca>

I just wanted to mention that I drew a diagram of Dan Tayloe's 5W mod and put it on my web page. Hope this helps someone.

<http://duke.usask.ca/~buydens/ham>

Brian.

```
+-----+
| Brian Buydens,          Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca          http://duke.usask.ca/~buydens |
| VE5RDV                                     |
+-----+
| Keep Cool, but Don't Freeze                                     |
|           - Hellman's Mayonnaise                               |
+-----+
```

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: n4so@juno.com (CHARLES K BROWN)  
Subject: [15213] 38S modifications  
Message-ID: <19970320.121901.4423.4.n4so@juno.com>

Most of the mods on the NorCal 38S were saved in two text files. The first called 38mod.txt covers the discussion from a month ago. The second file called 38mod200.txt covers the NA5N voltage and resistance measurements, the thump mod, the 5 watt mod and the corrected and edited version of troubleshooting tips by Ori AC6AN. Not all files were saved but most of the helpful or important ones.  
from -- n4so@juno.com

Ken Brown, N4SO  
QTH Near Mobile, AL  
QRP-L #622  
n4so@juno.com

Ken Brown, N4SO  
QTH Near Mobile, AL

QRP-L #622  
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Dave Siegrist d225-6493 20-Mar-1997 1247 -0500 <siegrist@rock.ENET.dec.com>  
Subject: [15208] 38s report and questions: long  
Message-ID: <9703201748.AA05629@enet-gw.pa.dec.com>

Hello folks,

Yet another 38s report, observations, and questions. In the original documentation, Ori mentioned that there are many different reasons for building a kit. My reason was to gain a better understanding of how radios work, and so my questions (hopefully) reflect that goal.

\* First, I put together the kit, with the RIT, power, and Tick mods. At first power up, I got no audio from the receiver, but the Tick mode audio was working well. I pulled the first NE602, and injected a signal at the antenna input, to trace. Input filter was okay, but the selector circuit on the input to the mixer was attenuating the signal away. I found the center frequency to be around 9.6Mz which was not that far away from where I calculated it should be. Is the Q too high?? I took off a turn from the secondary of T1 (as others have found), and had audio.

I was psyched....but: my audio is quite low. I also was still not able to get a double peak, so I assume that I am still on the slope of the filter, instead of centered on the top where TC1 will move me from peak to peak.

Ques: I had planned on replacing C3 with a smaller cap (and therefore moving Fo up), as

- it seemed easier than taking another turn off T1,
- once the turn was off if it did not work, the turns are pretty hard to put back on 8-).

Is there some reason why I cannot adjust C3 instead?

Will it affect the coupling in? the 1500 ohms the NE602 wants to see?

\* So now I have audio, and it was time to look at the transmitter. The first thing I discovered was that I did not understand the 'RIT' modification. In particular, it seems that it is not RIT at all, but instead a fine frequency control for both transmit and receive. My notion now is to

- \* remove the RIT altogether
- \* replace P2 with a fixed resistor of 50K, and a pot of 50K, and a switch to short out the fixed resistor.

This should allow variation of the voltage to D3 from 0v to 4v with the pot and resistor for the linear range, and 0v to 8v with the fixed resistor shorted to get the upper range.

- \* I may try various L1's later to move the range down (I am currently between 129 and 112).

Ques: Is there some reason why this should not work? Have I missed something fundamental in my understanding of the RIT?

- \* I next checked my power out. Looking into a 50 ohm dummy load, I can tune TC2 for a nice sine wave. Unfortunately, I only get about 30v p-t-p out which I think is

$$e^{**2}/r = ((.707 * 15) ** 2) / 50 = 2.25 \text{ Watts.}$$

My Daiwa power meter has a low range of 200 watts, and so is not accurate at this level. Other info: I am running the rig off my 20a. Astron supply at 13.8v, and I did add a 330pf cap at C501.

Ques: Is my method of determining power out flawed? Should I be concerned about it. Could I not be getting sufficient drive from the 240's?

- \* I am getting significant drift on transmit. I know that the supply is not being budged, so I assume there is a temperature effect going on. Since the receiver does not drift, my notion was to look around the 510 circuitry.  
Any suggestions?
- \* On the original schematics on the web, the first power amp, U4A, had a feedback resistor to put it in the linear region. That resistor is gone in the production unit. Why/How does it work now? I know it does, I just don't understand why. In particular, I don't understand how the 240 drivers are acting analog instead of digital.
- \* I have called CQ on and off for a couple hours, monitoring the signal on my TS-430 (and listening for a response that my semi-deaf 38s would not hear). I have also responded to a couple other folks calling CQ. But no QSO's yet. 8-(

I think in answering other folks I am still having trouble zero beating with them, and from my experiments, I am not convinced yet that my offset is right. I will explore that some more as I have time, but would be interested in other folks observations.

I have had great fun putting this together, and have learned much from my

first analog project. Any comments/hints etc would be most appreciated.  
I am a digest reader, so my response may be delayed.

dave /nt1u

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: k7yha@juno.com (Richard H. Arland)  
Subject: [15139] 4 Daze in May  
Message-ID: <19970320.025700.9415.2.k7yha@juno.com>

Gang:

Just got word that there will be a massive change in plans so I can  
attend Dayton this year after all. Can someone fill me in on the "4 Daze  
In May" festivities?

73 rich K7SZ

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: TMOLL@aol.com  
Subject: [15224] 432 qrp?  
Message-ID: <970320160821\_1882423037@emout17.mail.aol.com>

Are there any upper midwest qrp types currently operating on 432 cw/ssb? One  
of my biggest thrills as a ham was working MN to KY and TN on 432mhz ssb, 3  
watts into a pair of quagis up about 20 feet. Both stations were loud enough  
to be across the street. It seems that the 432 activity has just died, but  
I'd like to give my little portable ICOM 432xcvr some use or get rid of it.  
Where is the action?  
Tom, NoBS

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "duane" <duane@flinet.com>  
Subject: [15168] 5 WATT MOD 38S  
Message-ID: <199703200940.EAA14757@shell.flinet.com>

When I read the manual for the 38S 5 watt mod it recommends removing R101  
and changing C101 to a wire jumper and C26 to 330pf. If I do the above what  
purpose does R102 & 103 serve ? could I change R102 to a wire jumper and  
just add a 10k variable resistor for R103. would a variable resistor at

R103 control the output level (watts) from the 510 ? I would like to be able to control the output watts from a front panel control. I don't understand taking out the 18K (R101) I thought it provided the voltage to the input of the 510 and formed a voltage divider with R102 & R103. Can someone please explain this to me I'm lost.

Duane AB4BE QRP-L#710  
<http://www.flinet.com/~duane>  
[duane@flinet.com](mailto:duane@flinet.com)  
[ab4be@amsat.org](mailto:ab4be@amsat.org)

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: N9DD@aol.com  
Subject: [15147] 50/40/30 Log - N9DD Indiana  
Message-ID: <970319223616\_-670926362@emout17.mail.aol.com>

Hi Gang

I had alot of fun Tuesday night getting the 50/40/30 event started along with WD4MSM. We were lucky enough to get positions on night #1 of what looks like another QRP-L operating event winner!

I started off on 30 meters at 0000, worked WD4MSM, and then started calling CQ QRP WAS. I didn't get many takers, so started looking around and bagged a few contacts by answering other station's CQs. Not too many QSOs, but I got 2 new states for my NC38S - Idaho and Washington. I'm up to 24 states now.

40 was much busier. Lots of guys were on looking for the fox - W1EAT. Not hearing him, many of the hounds gave the WAS duo from Indiana a shot. Thanks!

Here is my log for Tuesday Night. If anyone wants a QSL, I'll be happy to send one in response to yours. SASEs are always appreciated, but not necessary.

30 Meters

TIME	CALL	SNT	RCV	ST	NAME	PWR
------	------	-----	-----	----	------	-----

0001	WD4MSM	599	599	IN	BARRY	5W
0012	KA7NOC	449	449	ID	STEVE	2W (He started at 100w but went QRP for me)
0103	N7DM	589	539	WA	BILL	200W
0113	N4FNG	569	569	FL	AL	5W
0124	KJ7BE	579	339	TX	TONY	-----
0140	N2YXC/4	579	559	FL	GEORGE	50W

40 Meters

0224	VE7SL	559	559	BC	STEVE	5W
0228	N6MM	559	559	CA	HARVEY	-----
0229	NQ7K	559	559	AZ	MIKE	5W
0231	N6XU	559	559	CA	STAN	5W
0233	WA6TLA	559	549	CA	ELLIOT	4W
0238	KC4MHM	589	599	FL	ED	4W
0241	KK5RO	569	579	OK	VERNON	4W
0244	WA1QVM	559	589	MA	JOEL	4W
0247	K1OJ	569	559	TX	OJ	5W
0251	W6ZH	559	459	CA	PETE	5W
0254	N7CQR	559	559	OR	DAN	5W
0258	KA1AXY	599	599	MA	PETER	5W
0302	K5FO	569	569	TX	CHUCK	2W
0307	WD4MSM	599	599	IN	BARRY	5W
0311	AB7TT	559	559	AZ	JOE	4W
0314	K5ZTY	559	449	TX	BILL	5W
0319	W6EMD	339	449	CA	DAVE	5W
0323	W5FN	559	559	TX	TIM	5W

That looks like 6 QSOs on 30 and 18 on 40 Meters. For anyone who is interested, it was a 5-5 tie between CA and TX :-). Any corrections? Send them to me at the address below.

Thanks Mike and all the callers for a fun night.

73!

Tom N9DD  
South Bend, In

N9DD@aol.com

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Barry Keating <Barry.P.Keating.1@nd.edu>  
Subject: [15172] 50/40/30 Tuesday Report - Indiana (part2)  
Message-ID: <v03007800af56f0c65674@[129.74.87.62]>

<b>Hello fellow 50/40/30 QRP'ers.

</b>Here's the log for Tuesday (March 18th) for Indiana (part 2).  
N9DD (Tom) has already posted his Indiana results for the same night. I thoroughly enjoyed the experience and was delighted with the diversity of states represented.

QSL cards will be coming to all (mailed today).

<bold>

Time	Station	RST	Name	State	Power
------	---------	-----	------	-------	-------

30 Meters

</bold>0002 N9DD 599 Tom IN 3W

0027 WF00 599 Bab ND 5W

0041 K9SUH 559 Ken IN 100W

0108 N4FNG 559 AL FL 5W

<bold>40 Meters</bold>

0211 WA1QVM 569 Joel MA 4W

0214 KF2? 229 ???? CA 5W

0219 N5ALO 429 Bill TX 5W

0243 N3Q00 459 John CO 5W

0253 AB7TT 559 Joe AZ 4W

0300 K4WZ 599 Ron GA 5W

0309 N9DD 599 Tom IN 5W

0320 N5ALO 419 Bill TX 5W (confirming contact)

0325 K5ZTY 559 Bill TX 5W

0333 K5F0 559 Chuck TX 2W

0340 WA1TPC 459 Bob MA 100W

0350 K5JS 339 John LA 3W



Barry Keating

WD4MSM

South Bend, Indiana (90 miles east of Chicago)

QRP++ running 5 watts

LDG AT-11 antenna tuner

G5RV antenna (half-size, 51') up 30 feet

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Cecil A Moore <Cecil\_A\_Moore@ccm.ch.intel.com>  
Subject: [15143] Antenna Heaven almost!(long)

>From: Steve/n0tu <N0TU@webaccess.net>  
>But, by my figures a loop for 80m would almost be laying on  
>the ground in my situation.

Hi Steve, an 80m vertical loop doesn't have to be square.  
A rectangular loop will fit nicely in the space you have  
- feeding it halfway up one side gives a 50 ohm feed-  
point impedance and a low radiation angle. Check one out  
on my web page at <http://people.delphi.com/CecilMoore>

73, Cecil, W6RCA, 00TC

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "John A. Evans - N3Q00" <jaevans@cos.cst.titan.com>  
Subject: [15197] April Fools & CQ  
Message-ID: <199703201638.LAA82777@nss2.CC.Lehigh.EDU>

Greetings,

Well, if I read it right, the April issue of CQ also has an April  
Fools article within. In this case, it is rather cruel since it leads  
one to believe that the Little Leo proponents are ignoring a severe

problem that could impact low earth orbit satellites - debris. It is a quite convincing article until it starts talking about putting bumpers on satellites in order to avoid collisions and then talks of micro-miniature nano-satellites. Since little leo is such a hot issue, I felt it was rather vicious to suck me in like that !!!

John A. Evans                      Chief System Administrator  
Office: (719) 528-1800 x164          Titan Client/Server Technologies  
Fax:     (719) 528-1275                1115 Elkton Dr, Suite 200  
email:   jaevans@cos.cst.titan.com   Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045  
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454  
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
Subject: [15137] April QST  
Message-ID: <199703200248.TAA29292@lynx>

I was pleased to see Dave Benson's article on the, um... White Mountain? And I'm pleased that QRP is finally getting some recognition in QST.

But three things disturbed me.

First, and I know this has been argued before and I don't want to start a thread on the subject, but I couldn't help noting with some misgiving that there were only three "technical articles" including Dave's, and all three were selling something, be it kit or programmed microcontroller.

Second, I don't like to see "April Fool" articles in a respectable publication-- it's kind of High School, isn't it? First, World Radio, and now QST. I have nothing against humor (far from it) but it's not nice to trick your readers. And some will fall for it every time, and when a reader says something in the innocent belief that it must be true because it was in QST.... well you get the picture. Besides, even IF you read the editorials and know that there is some prankishness to be found in the magazine, our world is strange enough that you suddenly start questioning every word in the darned thing.

Third, and this is one of those areas where I might as well give up,

but it still comes under the heading of pet peeve-- the article "Morse at the Movies" was interesting, and fun, but I would have thought anybody who passed a ham exam should know the difference between CW and Morse code. If Don AA3EK doesn't, his editor should. "When CW is used in a film it doesn't always make sense." Got that right. I guess maybe after all we SHOULD abandon the "CW test."

[rant mode off]

73  
Marshall Emm  
AA0XI/VK5FN  
aa0xi@mtechnologies.com  
<http://www.mtechnologies.com/mthome>

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Thomas J. Whalen" <whalen@swcp.com>  
Subject: [15165] ARK 4?  
Message-ID: <Pine.SUN.3.91.970320012323.11457A-1000000@kitsune.swcp.com>

Hello Fellow QRPers! Heard someone say they ordered a ARK4. Who makes this rig and do they have a website? This is a new one on me. Thanks, Tom  
WB5QYT

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: k5id@inetsp.net (Kenton E Graham)  
Subject: [15201] AUDIO FILTER for 38 Special  
Message-ID: <199703201659.KAA10121@inetsp.inetsp.com>

QRP'ers,

Having received requests about how I interfaced the audio filter in my 38s, I will give you my experiences.

The filter I used was the EMTECH FL1 by Roy Gregson (a 2 pole active filter). The filter was set up for lower tones. Roy supplies 2.2 meg optional resistors for lower tones, but I determined that it takes around 2.4 meg to reach the optimal 650 Hz (for R2 and R6).

I installed a double pole double throw switch on the front panel so that the filter could be switched in and out. I also changed c15 on the 38s board from the LARGE 22 uf to a .1 (per a suggestion on this list).

My first attempt was just to insert the filter on the phones output (after r24). This works, but has a couple drawbacks: 1) Sidetone and telemetry from the tick keyer is reduced because the tones are not exactly 650 Hz. and 2) It is easy to overload the filter with this much audio and distortion can result.

My next attempt with the filter was to lift one leg of c15 (the leg that attaches to u2 and c14) and insert the filter switch there. Wow, this filter has way too much gain there; any fairly strong signal would cause it to squeal...

My next attempt was to keep the filter in the c15 position, but reduce its gain by using about 1 meg resistors for r1 and r5 on the emtech board.

(Actually

I just added the Gregson-supplied optional 300k ones in series with the normal 680k ones). This calmed down the gain nicely (it's still a bit more than without the filter in) and seems to make a nice shape factor for cw.

I'm using the 8 volt supply for FL1 (not 12v) and keeping all leads short (none are longer than 1 1/2 inches). Nice filtering action...

OK, the negatives: Keying THUMP is louder with the filter in. And with low impedance headphones and r24 bypassed, there can be an audio squeal. Actually with this filter in, you don't need to bypass r24 because you will get plenty of audio with the resistor in....

No financial interest in Emtech. Roy did give nice Christmas discounts last season, though.....

Regards, Ken K5ID

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997

From: Jon Iza <ea2sn@jet.es>

Subject: [15166] Audio xformers and NC38S PIN diodes

Message-ID: <33317F99.1B0D@jet.es>

Gang,

two questions in one message to save bandwidth!

1) I attended last Saturday the Dutch National Flea Market. Wonderful experience! I got a bunch of audio transformers and I would like to characterize them, i.e.: 1 kohmCT:8ohm, 600ohm:600ohm and so on.

Any gizmo/trick/hint to do it?

2) PIN diodes on NC38S. As I remember of some guy who changed all the diode switches on his Omni-VI, to found out it was less prone to intermodulation AND 10 dB deafer too, I do not want to make a fool

of myself and trash two MPN3404 PIN diodes on my NC38S if there is no good reason for that.  
Can someone elaborate if this is a clever idea? or else, should I go to do my homework?  
Inquiring minds want to know.  
jon, ea2sn  
Mail privately and I will summarize.

--  
Jon Iza ea2sn since 1978 qrp'er at large! <mailto:ea2sn@jet.es>  
\*\* One's needs are proportional to the square of his/her incompetence \*\*  
URE - ARRL - DARC - VERON - ARI - WIA - NZART - AMSAT-UK - TAPR - IDRA  
EAqrp 26 = Gqrp 1216 = ARCI 5153 = qrp-L 313 = NorCal 701 = ARS 202

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Mike Robinson <miker@cc.com>  
Subject: [15182] BAN RTTY'ers  
Message-ID: <199703201531.IAA04131@gecko.cc.com>

Yeah, I know, some of you digiheads are curteous.  
But, you're not the problem. Unfortunately, the rotten apples are a fungus on the rest of you.  
They're giving you a bad name.

Last night I had the opportunity to work qrp/qrp with w3eek in PA. He was on his QRP+ and I on my FT890 at 5 watts. We started out fine and were settling in for a nice qso when 'PING', my meter goes to S9 and this pounding RTTY sig starts chirping, BRDRBRDRBRD BRDDBRDRBRDR BRDRBRDRBRD.

I've been doing some digital listening (RECEIVE ONLY) with the hamcom setup. This doesn't allow pactor. But I can almost tell the difference between modes and speeds now. This DH (digihead) was calling CQ on Pactor. The op I was in qso with seemed to be used this lid jumping on his qso's. So both of us could hear him. Which means he has to be able to hear at least one of us. BUT, he obviously didn't bother to listen first.

I don't really care anymore about filters and frequency splits, and other excuses why he might not have heard us. This guy has a responsibility to make sure the frequency is clear!

So before you flame me for blasting the digiheads in general, just remember, if you're aware and courteous, it's not you I'm yelling at. But maybe these lid's will listen to you. They sure aren't listening the CW ops. They're giving the RTTY'ers a bad name. Help them see the light.

I say ban RTTY to their own segments and let them ban CW to our own segment. We'll all win.

```
=====
72 de Michael N7MR          miker@cc.com          michael@frii.com
    http://www.frii.com/~michael
    QRP-L #126      Norcal #857      CQC #180
=====
```

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>  
Subject: [15144] CAM is Lonely!  
Message-ID:  
<Pine.GS0.3.95.970319220305.26616B-100000@conciliator.acsu.buffalo.edu>

Hi Gang,

Hop on 7.039.9 and work CAM, N6GA, last fox of the season. He is calling CQ way too much!

Now if only I could figure out why I could not hear even a hunter working the early fox tonight, hmm....

72, Mark N2VPK  
Member of the Buffalo QRP Connection

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Ted Albert <72437.651@CompuServe.COM>  
Subject: [15142] Colorburst Sprint Reminder  
Message-ID: <970320030209\_72437.651\_IHD103-1@CompuServe.COM>

The seventh night of the Colorburst Sprint is this Thursday, 3/20/97, from 9-10PM EST. The final night of this year's Sprint will be next week. Stations able to do so are encouraged to tune around their transmit frequency for responses from stations running fixed crystal-control. Don't forget that the Colorburst Sprint presents a great opportunity to get contacts with

that Pixie or 80-9er rig, and you may get the opportunity to work a QRP glowbug station, as members of the Glowbug list will be joining us for this event.

After the Sprint has closed at 10PM EST, I will switch to 3.686 Mhz and look for QRP contacts. I modified this year's transmitter to offer 3 crystal frequencies, 3.560, 3.579 and 3.686 Mhz.

Attached with this note are the rules for the Colorburst Sprint.

Hope you can join us!

72 de Ted, KF8EE  
NE404

-----  
Announcing the :

QRP-NE (QRP Club of New England)

79er SPRINT  
-----

When: Each Thursday evening during February and March, 1997

Modes: CW - Crystal and VFO Control

Freq: ~ 3.579 MHz

Power Level - 5 Watts or less output power

Time: 9:00 - 10:00 p.m. EST

Exchange - RST QTH NE#X NAME; ie.....579 OH NE404X Ted

Members use QRP-NE number; NE404 and add X if XTAL control; NE404X

Non-members use Power Level; 4W and add X if XTAL control; 4WX

QSOs are cumulative: Work the same station on subsequent Thursdays.

Score: QSOs X SPC. Crystal Station Bonus: Total score X 1.5.

The 79er transmitter was NE-QRP's first club project. It uses a 3579.545 kHz crystal to set the frequency. These crystals are used in the colorburst oscillator of all color TV sets in the United States and Canada, and in other devices as well.

The 79er event is an on-the-air get together, not a contest.  
Crystal-controlled stations append the letter "X" to their calls,

such as "KF8EE/X." Yes, it's legal. We hope this event will stimulate everyone to build a crystal-controlled transmitter to use during the event!

Send Logs to:        Ted Albert, KF8EE  
                         1924 Timberidge Drive  
                         Loveland, OH 45140

(or)

e-mail Logs to:     72437.651@compuserve.com

Logs need to be received by April 30, 1997. Results will be published in "72". State Output Power Level, Type of Rig, and Antenna Type on logs. Include comments on the event or how you built your crystal-controlled transmitter for inclusion in the report in "72".

Watch out: W1AW transmits bulletins at 10:00 pm. on 3.581 MHz

-----  
Transmitter Reference articles:

In case you were wondering, "79er" comes from 3.579 MHz

Articles abound on building a simple crystal-controlled transmitter for 80 meters. Try the "Universal QRP Transmitter", page 26 of "Solid State Design " (ARRL), or "The Oner" (Sprat), or "The Cubic Incher" (ARRL), or "The 79er"/"Colorburst Special" (QRP-NE).  
-----

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Steve Hideg <Steve.Hideg.1@nd.edu>  
Subject: [15154] Dayton QRP Activity Information  
Message-ID: <v03020900af566e48e533@[129.74.35.26]>

For information about 1997 Dayton QRP activities, check out the following URL on the Internet QRP Club web site:

<<http://qrp.cc.nd.edu/qrp-l/dayton/>>

This page includes information about the second annual Four Days In May (including the current list of speakers and info on how to submit a manuscript for consideration), the QRP-ARCI Awards Banquet, FDIQRP Vendor Social, as well as links to the official Dayton Hamvention web page and a



link to [www.weather.com](http://www.weather.com)'s weather forecast for Dayton Ohio.

Enjoy!

72,

--Steve

---

Steve Hideg, N8HSC/9 QRP-L #136  
Check out the Internet QRP Club's site on the WorldWide Web:  
<<http://qrp.cc.nd.edu/QRP-L/>>

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Gary R. Widmayer" <grwidma@edcen.ehhs.cmich.edu>  
Subject: [15122] Filter Sold  
Message-ID: <33308FDB.25CF@edcen.ehhs.cmich.edu>

Many thanks to all who responded to the Autek QF-1 filter.

Its sold in less than one hour.

Thanks to all.

Gary/N8AYY

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: camqrp@cyberg8t.com (Cam Hartford)  
Subject: [15206] Final Fox Finale Fiasco  
Message-ID: <199703201735.JAA20407@key.cyberg8t.com>

Gang -

The Final Fox Finale was really a big Fiasco. Sheesh. The band was neither short nor long. It just WASN'T. Seemed like nobody could hear me at all. Couldn't find any good holes in the band, and as soon as I got a place, it got plugged by a QRO-type (even sometimes a QRP-type!) who couldn't hear me and started calling CQ.

What a Final Fizzle.

I went out with a whimper, not a bang.

24 QSOs.

Wait 'till next year!

News at Eleven.

72/73,

Cam N6GA

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Michael Connor" <mikec@primenet.com>  
Subject: [15156] Final Fox night  
Message-ID: <199703200558.WAA14141@primenet.com>

Greetings compadres,

Hmmm, ain't it funny how things work out.  
I figured Tom out there in VT would be  
Mission Impossible here in AZ while Cam  
would be a piece a' cake. Worked just the  
other way around. Tom was a toughie, but we  
got 'er done (thanks Tom, I needed you for WAS):-)  
I listened for Cam till my ears hurt, but not a peep.  
Came in and checked the List, and everybody said  
that Cam was lonely, and calling his poor head off.:-(  
Those TX boys must not have placed their CA filters  
just right; they filtered out AZ too (or maybe they're  
just starting to fear our ScQRPion "sting").;-)  
We'll be working on our "stingers" over the summer, and  
come the fall, we're gonna give you guys a run for your money!:-)

I kinda feel like I'm gonna go through FOX withdrawl now, but 30  
meters will be hoppin with 38Specials and 50/40/30 will be going on,  
so there will be something to fill the void.

Thanks to all the Foxes and Hunters, it was a real hoot; can't wait till  
Fall!

And to Chuck,  
thanks for EVERYTHING.....:-)

Mike  
NQ7K  
AZ ScQRPions

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: af852@rgfn.epcc.Edu (William R Colbert)  
Subject: [15140] fox  
Message-ID: <9703200259.AA25064@rgfn.epcc.Edu>

Well, Poor ole Cam was on 7039 calling and getting little response -  
he was 57 into El Paso - (been trying to call in to post this but  
the server was busied out for 15 minutes) and just before that worked  
3B8FG on 10.103, he was calling cq when last heard and will work qrp  
stations - no problem. good sigs 589 to 599. good Luck. Ray

--

Ray Colbert, W5XE, SOWP 1064M, 00TC 3618, FISTS 2146  
El Paso, Tx

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
Subject: [15124] Fox in the bag; attack of the Q's  
Message-ID: <199703200132.SAA24162@lynx>

Hard to believe we actually made the QSO, between QSB, QRN and QRM in  
the form of guys who send QRL? CQ... without bothering to listen.  
Thought about hitting him with a 150W "C" but if everybody else was  
listening as hard for Tom as I was I would have made no friends.

Took me a whole bunch of tries but got it in the log at 0119 after a  
new record of 11 repetitions of my name [g]. Anyhow, nice work under  
very difficult conditions Tom-- hope to "catch you" again next year!

73  
Marshall  
AA0XI

73

Marshall Emm  
AA0XI/VK5FN

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: gsurrency@juno.com (Gary L Surrency)  
Subject: [15186] FOX Thanks for the memories.....  
Message-ID: <19970320.083806.6718.1.gsurrency@juno.com>

It was GREAT!

One thing I learned from it (and there were many more things I learned) was really how to listen thru QRN, QRM and QRJ problems. Looking for the FOX really makes you get the most out of your gear. I learned the best combinations of the R/S DSP, the active audio filter, and (quasi-diversity) multiple antennas for transmitting / receiving, etc.

Of course I have never seen (heard) a more cordial and well-mannered group as this one, on the air and off. Let any detractors say what they will about QRPers, WE know there's no better behaved organization than ours. A great technical bunch lurks here, too.

Thanks to everybody for all their effort in making this a fun event. I was always elated when I heard MY call coming back thru those mini-pileups. ;-)

It was nice to have something to look forward to each evening and meet all you guys (& gals) on the air.

72 to all,

Gary Surrency AB7MY  
S&S TAC-1(40&80m) and ARK30, OHR100 20m, AT-11 (QRO and QRP)  
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH  
Az ScQRPions

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Joe Gervais <vole@primenet.com>  
Subject: [15148] FOX: All or Nothing  
Message-ID: <199703200352.UAA23388@usr09.primenet.com>

Howdy Folks,

Hey, what was that? Sounded like a collective sigh of relief from hundreds of Fox Hunter spouses.... :-)

Wow! What a weird way to end the Fox season! Seems AZ has the VT Furry One in the bag (thanks Tom!) but not a single one of us could hear even the \*slightest\* hint of RF coming from Cam. Sure, we could hear everyone working him, but when they signed it over - a total void of Fox RF. Not even a reassuring 119/QSB to give us hope. Just raw static. Creepy.

Great season though! Thanks to all the Foxes!!! And for that matter to all of the Hunters. It's great to be in such a well-behaved pileup. And of course thanks to Chuck.

I more than doubled my personal goal this year, so I'm a happy camper all around. Wahoo! Next year I'm going to hit 35 Fox pelts or meltdown my brain trying. Bear in mind my brain has a low melting point. :-)

See you all in the TMPS!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"I'll have Spam eggs Spam sausage Spam Spam eggs and Spam, please."

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997

From: Peter\_Simpson@3mail.3com.com

Subject: [15207] FOX: Final finale flop and foxii felicitations!

Message-ID: <85256460.0044C9C3.00@hqoutbound.ops.3com.com>

I should not have got my hopes up. All you hunters know the story...heard the hounds, but not the foxii. It was fun listening to all the calls. Tom was too close in Vermont, I guess, and Cam must have been on the wrong side of the HAARP/fans/chaff (although I heard K1MG and AB7TT quite clearly).

I'm not complaining, though. I did manage to work 11.5 of them, and had a blast doing it. I'd like to thank all the foxii for being targets for all the RF directed their way. I even got

unsolicited QSLs from a couple of them. Which meant, of course, that I had to design and send out my own. I hope you have all received them. That's my "shack"...bare concrete walls in the basement. Next year, I hope to have drywall, fluorescent lights and carpet!

Chuck deserves a big hand, and so does Bob, KI7MN, whose web page I consulted for the latest fox schedule.

I now have the utmost respect for Wayne, N6KR. I used his NC40 (well, not \*his\*, but he designed it) as my primary fox-hunting equipment. I am absolutely amazed at what this rig can do. If I could hear them, they came back to me, usually on the first call. Granted, there were some I never heard, but no one else from the Northeast worked those guys, either, because I checked the listings on QRP-L the next day!

Guys, if you're on the fence about fox hunting, don't wait! Throw up an inverted vee in the nearest tree, get yourself a cheap memory keyer if you have a long call (like KA1AXY), and build or buy a NC40 or a GM40 and get yourself ready for next years hunt! I guarantee you'll have a blast.

72 and thanks to all,  
Peter, KA1AXY

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: HIMES@idic11.idi.oclc.org  
Subject: [15180] FOXHUNTS  
Message-ID: <01IGPZMHDG42AI0QNZ@idic11.idi.oclc.org>

Somebody clue me in on how a fox hunt works on the low bands. I worked N6GA FOX last night but wasn't sure what to send back.

Thanks,

Marty WB8FNH Columbus Ohio

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Bob Hightower <ki7mn@dancris.com>

Subject: [15204] FSFM Tonite  
Message-ID: <199703201705.KAA25786@dancris.com>

Freqs for FSFM tonite are posted on my page. URL in sig line below.  
73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ Grid DM43bi Lat 33.334500 Long  
-111.87260

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL  
<http://www.dancris.com/~ki7mn>

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: [15125] Fwd: FS: HW-8 QRP  
Message-ID: <73755.ddillman@igc.apc.org>

Thought this might be of interest to someone on the list. Please  
contact the seller, not me...

----- Forwarded message begins here -----

From: Robert Watson <rmwatson@eskimo.com >  
Newsgroups: usenet.rec.radio.swap  
From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: lwr@intersurf.com (Louis Roussel)  
Subject: [15209] Hello  
Message-ID: <199703201816.MAA08389@alex.intersurf.net>

I have been lurking here on the list for a couple of weeks and thought I  
should admit it.<G>.

My call is K5FZM and I've been hamming since 1961. I am located in Baton  
Rouge, La.

My 38S is on order and I hope it is in the bunch that will start to ship soon.  
I have been following the debug discussions and have saved quite a few of  
them including the ones on Norcal.

Seems like a really knowledgeable group here and someone has commented about  
the "tech support" rivalling that of some of the biggies... I'll second that  
comment.

I listened for the fox a couple of times and even heard him but could not  
make myself heard on 40 meters with the HW-8. I know it's my lack of a good  
antenna so I'll address that as soon as possible.





will reduce the stress of downward pull on the first one. Winter is a great time to select ideal branches; -no leaves.

Support lines terminate w/2" NYLON clothesline pulleys, thus the whole antenna "floats" in the pulleys, providing distributed stress. Feed it with 450-ohm ladder line or GOOD 300-ohm to your tuner, or as far as you can, then a 4:1 balun to 50-ohm coax to your tuner. You'll need a tether to keep the feed point where you want it and you can use it to pull the ant. around to "steer" lobes.

Leave enough slack in supports for for tolerable tension but not a great deal of sag. I loosen it for hi winds. No counter-weights, or complicated suspensions. If/when it breaks, I loosen the support ropes, pull the wire back together and solder it with a Bernz-O-Matic; -it's back up in less than 1/2 hour even if I have to re-shoot a line to re-thread the wire.

Home Depot sells the pulleys, and 500' rolls of black (inconspicuous), THHN stranded (flexible), for ~ \$20 locally. I also use the black/orange 3/8" "California Truckers Line", (~\$55/500') instead of the usual black "parachute" style stuff. The latter doesn't take chafing on branches well. I've got a 1400' hexagon up now and LOVE IT!!! A loop has been a great "Weekender" / vacation ant. too.

72 =s=

p.s.

First my wife, and now a new neighbor/ham address me as "YOUR LOOPNESS". -Trying to take that in a positive way but sometimes wonder...

"Seab" Lyon - AA1MY

Bethel, CT; FN-31-HJ

ARCI#9253; QRP-L #574

NEQRP#511; ARRL; QCWA

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997

From: TMOLL@aol.com

Subject: [15226] IC756 QRP?

Message-ID: <970320161354\_-1471686631@emout11.mail.aol.com>

Is anyone using the IC756 at qrp level output? The spec reads "8 watts minimum input." Has anyone measured the minimum output? Looks like this might be a fair qrp rig ;-). If anyone has one, or has played with one, I'd like to hear from you. TIA.

Tom, NoBS

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Steve Hurst" <shurst@magiclink.com>  
Subject: [15169] K8IQY, 38s and FOX !  
Message-ID: <199703201222.HAA166777@nss2.CC.Lehigh.EDU>

Gang,

Just an update about my web site. For those of you who missed it the first time , check out Jim Kortge's " Optimized 38 Special" page. Also , my review of my 38 Special kit , as well as my links page ( updated the NJ-QRP Club link ! ). I've also added a "QSL'ing Tips" page with information on QSL buro's ( names and address's ). Thanks !!!

<http://www.magiclink.com/web/shurst>

Lemme know if you like :-)

73,  
Steve Hurst  
KA7NOC  
shurst@magiclink.com  
P.S. Better late than never..... worked my first FOX tonight, N6GA !  
Thanks Cam !

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: bhowell@mail.utexas.edu (Bill Howell)  
Subject: [15157] Kenwood PS-50 info needed  
Message-ID: <199703200610.BAA28930@nss2.CC.Lehigh.EDU>

Does anyone have a Service Manual for a PS-50 Power Supply?  
What I specifically need is the page(s) outlining the adjustment of the two internal pots.

Note..I \_do\_ have the schematic..but I'd like to get the "factory" proceedure for these adjustments.

If someone can help, please email me direct.  
Thanks,

Bill Howell  
University of Texas at Austin  
Electronic Maintenance  
bhowell@mail.utexas.edu  
N5ALO QRP-L #415

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Harley L. Miller" <hmliller@sound.net>  
Subject: [15188] Latest 38S mods?  
Message-ID: <332FFAE4.12A6@sound.net>

Is there a compilation available anywhere on the latest mods to the 38 Special?. I have the Norcal version, but there have been others on the list from time to time.

Harley WB0ROq hmliller@sound.net

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)  
Subject: [15118] MFJ 9020  
Message-ID: <9703200014.AA09578@krypton.nmr.Hawaii.Edu>

Aloha,

Sorry if this has been discussed before, I am new.

I got one of the MFJ 9020 rigs with the audio filter and the keyer. When I tried to put the accessories in they would not fit. The aluminum standoffs in the back for piggyback mounting were apparently grabbed from the bin a bit too fast. They were 1/4 inch too long. Since they were deeply threaded, it was a simply matter to cut them off to the right length. However, since they were mounted with screws from below the mother board, the entire rig had to come apart to get at them.

After reassembly the rig works fine, the audio filter is quite good by the way. Everything went right into the mounting holes after the standoffs were shortened. The antenna feed wire wants to go right through the keyer piggyback board, so I took the time to replace it with a few inches of miniature coax with the shield grounded and reroute it a tiny bit. At least I felt better about its location after

I converted it to shielded wire.

The QSK is a bit of fake, the automatic gain control is slow and you blast your eardrums out with the first keydown. I have turned down the sidetone. It is OK if you are not using more than the first 1/10th of the audio gain control. If anyone has a fix for this I would appreciate it. I have set the QSK to as long a hold time as possible to try to keep it from dropping out except during long pauses to avoid another ear pounding every other character. Personally I would prefer a T/R switch to this situation.

Otherwise the rig is very nice. I guess the TenTec Argo 556 has spoiled me rotten. It has a fantastic QSK circuit. I have the MFJ at work where I have a dipole on the roof and hope to catch a few signals during lunch. Also it consumes much less input power to make its 5 watts output than the Argo does.

Mike Burger  
Honolulu, HI  
KH7BJ

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Jim W7LS <w7ls@brigadoon.com>  
Subject: [15167] MFJ-204B antenna analyzer 4 sale/swap  
Message-ID: <199703200918.BAA08645@olympic.brigadoon.com>

Hi, all. I have a MFJ 204B antenna analyzer for sale or trade. \$55 gets it delivered to your door. It has a built-in oscillator and a resistance readout knob. Used to tune up antennas. Dial in a freq and read the resistance. Has an output for hooking a freq counter, if you want accuracy down to Hz. Looks nice and clean and works as advertised in the spec sheet. For HF and 6 meters, I think.

73 de Jim, W7LS

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Buck Switzer <n8cqa@tir.com>  
Subject: [15220] MI-QRP Good Friday CW Sprint  
Message-ID: <199703202054.PAA22061@tir.com>

--=====858901992==\_  
Content-Type: text/plain; charset="us-ascii"

Gang - The MI-QRP Club will be sponsoring a CW Sprint on Good Friday, 03/28/97. Times are 2200Z 03/28/97 to 0200Z 03/29/97 or 1700EST to 2100EST 03/28/97. Attached are a copy of the rules. Entry sheets and log sheets should be available at the MI-QRP web page:  
<http://www.geocities.com/capecanaveral/2844/miqrp.htm>. We didn't make the 03/97 magazines, so spread the word and I hope to work many of you.

--=====858901992==\_  
Content-Type: text/plain; charset="us-ascii"

MICHIGAN QRP CLUB  
1997 GOOD FRIDAY CW SPRINT

DATE: 2300Z 28 March, 1997 to 0300Z 29 March, 1997.  
(1800EST Fri. 03/28/97 to 2200EST Fri. 03/28/97)

CW only. 160 thru 6 Meters (no WARC bands). The activity is open to all amateurs.

CLASSES: A - 250 milliwatts or less output.  
B - One watt to 250 milliwatts output.  
C - Five watts to one watt output.  
D - Over five watts output.

EXCHANGE: RST, QTH (State/Province/Country) and MI-QRP Membership Number (non-members send power-output).

SCORING: Stations may be worked once per band for QSO points.  
All member contacts are 5 points.

Non member contacts in W & VE are 2 points.  
Non member contacts outside W & VE are 4 points.  
Multiply total QSO Points, on all bands, by the total number of States/  
Provinces/Countries worked on all bands for total  
points. U.S. & Canada  
do not count as countries.

BONUS POINTS: Total points may be multiplied by 1.25 for home brew RX or TX  
w/commercial RX or TX combinations. Multiply by  
1.5 for a total  
homebrew station. Home brew = any kit or home made gear, it is not  
necessary for you to have built it yourself.

Those using homebrew gear on some, but not all bands, may claim credit by  
listing the proper  
bonus points in each band's "BPTs" column on the score sheet, adding them up and  
dividing by the

number of bands used. Enter the average (round to 2 decimal places) in the "Totals" row, under the "BPTs" column. I'll do this for you if you give me adequate rig info on each band.

AWARDS: Certificates awarded by class for each State/Province/Country.

A legible, chronological log is required. Please include your name, call, address, equipment description and POWER OUTPUT Logs must be received by 5 MAY, 1997. Results will be printed in the June, 1997 T5W. Final decision on any contest matters rest with the contest manager.

All logs to: L. T. SWITZER N8CQA  
654 GEORGIA AVENUE  
MARYSVILLE MI 48040-1243

Log and entry sheets available for an SASE to the above.

--=====858901992==\_  
Content-Type: text/plain; charset="us-ascii"

72/73

Buck Switzer, N8CQA, 654 Georgia Ave., Marysville, MI 48040-1243  
Home:(810)364-9640, Work:(810)949-0151, Fax:(810)364-8179  
n8cqa@tir.com, am441@detroit.freenet.org

--=====858901992==\_--

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Steve Hurst" <shurst@magiclink.com>  
Subject: [15203] milliwatt pwr !!!!!  
Message-ID: <199703201706.MAA175685@nss2.CC.Lehigh.EDU>

Gang,

Just finished a QSO with my 300 mW 38S with VE5KZ,

Jerome in Regina, SK. Canada !!!!!

Jerome gave me a 579 report !!! I almost could'nt believe it myself !!!! :-)

Here is his comments when I told him I was QRP with 300mW.....

"Steve ur doing vry well with 300 mw. Boy that is vry gud for that little pwr at this low a freq....."

He was impressed to say the least, BTW, he was 599 running 100W.

Just thought I'd share this contact for those wondering if the stock rig can

get out ! Yes it can and does !!! Thanks for the BW.

73 all,  
Steve  
KA7NOC  
shurst@magiclink.com

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>  
Subject: [15229] MIME  
Message-ID: <199703202247.QAA09279@vob005.spd.dsccc.com>

Guys,  
Please turn off MIME before sending mail.  
Thank you, I thought you would.  
Charles  
#include <standard.intelligent.signature>

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: ericvia@why.net (Eric Via)  
Subject: [15161] My First Contact! EVER!!! :-)  
Message-ID: <v01520d00714238dd6dc4@[205.240.253.191]>

YES!!!!

It was a failure - but yet it was my first!!!

I am SO HAPPY! Remember how you felt when you were in my shoes!!?

I think I may have woke up the family with my screaming!

I gotta tell ya folks - I'm so happy! This is my FIRST contact using CW - and it was QRP!

Okay - here's what happened...you tell me how I went wrong or right please!? I know you may find this boring - but I SURE don't!!

I was tuning around copying and having fun with my new HW-8 - with the antenna in the attic - a 40 dipole. (That went well - but only ONE side is straight - the other side goes upwards and then does 2 small turns)

But anyway - I did just what the book said - I listened, found a clear freq, listened some more, and then sent my FIRST Morse ever!! - "QRL ? K"

..nothing.

So fired up my CQ CQ CQ DE AD4SS AD4SS AD4SS K

And - holy cow this was cool - I heard -

"AD4SS DE AA10K"

(This is the part where I screamed and my dog beside me on the floor jumped up about a foot)

He said his name was Steve and I got a 339 for RST.

I told him this was my first contact and I was pretty excited. He told me I was now stronger and asked for a sig report - I told him he was 599, and my name again cause he missed it, and told him about my rig.

Here's where the trouble started. When he came back on - all the sudden not one but 2 huge CW signals came out of nowhere and BURRIED HIM!!!

I searched and listened and cursed but he was buried under



these big-mouth CW signals! DOH!!!

FIRST QUESTION:

What do you do in a situation like this!? (Wouldn't ya know it my FIRST contact was ruined!) Do you sit and wait? That's what I figured I'd do, but never found the guy again! :-(

Oh well - it was GREAT FUN! I sure wish I'd got his QTH though! Darn it!!

Oh man - I DO see the thrill now - I do indeed - that was the greatest!!

72 Eric AD4SS  
ericvia@why.net

PS - sorry to ramble - but I'm sure you can understand my excitement! You were there once too! :-)

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Jeff M. Gold" <JMG@tntech.edu>  
Subject: [15179] N38S-Rec/TX freq Help  
Message-ID: <01IGPXMAG0CI8WY6LX@tntech.edu>

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Jeff M. Gold" <JMG@tntech.edu>  
Subject: [15202] N38S-TX/rec help (resend)  
Message-ID: <01IGQ1QNZ6IG8WY6LX@tntech.edu>

I got on the air before work this am.. first tried 30 meters, it was dead, made a contact on 40 and went back to 30m. It started to come to life.

Tried to answer a couple of CQs.. noticed no one came back

called CQ and someone came back.. noticed that the pitch of the signal was somewhat high.. like all the way to the low end of the signal. I touched the tuning knob and got him tuned into where it

was a real pleasant note.. where I would normally think the signal was. He came back with quite a lengthy discussion of how he thought my signal had dropped out and how he had to use the RIT and now I was really good (579).

Normally this would mean to me that the TX offset tuning was a touch off.. my understanding it the N38S doesn't work this way. How do I get around this.. it is just a tad off.. does the receiver tuning (TC1?) have anything to do with this?

By the way, the VFO seemed pretty stable, and I worked ND for quite a while once he got his RIT set. It may just be I like a lower note than the rig was designed for.

Help would be appreciated.

72  
Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "T. PETTIBONE" <tpettibo@NMSU.Edu>  
Subject: [15134] N6GA on  
Message-ID: <Pine.A41.3.95q.970319191621.33098A-100000@hector.NMSU.Edu>

Cam, N6GA is on 7.0389 or thereabouts and loud into NM!

Tim K5OI

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "T. PETTIBONE" <tpettibo@NMSU.Edu>  
Subject: [15145] N6GA on 7.0393  
Message-ID: <Pine.A41.3.95q.970319200319.37692A-100000@hector.NMSU.Edu>

Cam has been calling cq on 7.0393 without a lot of takers. He's still pretty strong into NM (and W. Texas according to Ray).

Tim K5OI

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Niels Jensen Kristjansson <nkristja@cadvision.com>  
Subject: [15160] NC38S Thumpedy Thump suppression.  
Message-ID: <1.5.4.16.19970319113043.1ac71378@cadvision.com>

Hi gang,

Just a thought, have a look at the schematic for the 49-er and notice Q1. Where the audio comes out of the U1-4 is just the same as it comes out of U2-11 in the 38S, C9 in the 49-er would be equivalent to C15 in the 38S. I suggest that the same circuit, only four components, will do the trick in the 38S, what is terminal K (the cathode of D2) would go to T- in the 38S. The value of C8 will determine how fast the FET returns to conductive state and by then the key release thump will be over, experiment with it, the smaller the value of C8 the faster the audio will return. This has been a very busy week (always when I want to do something ham related) so I will not have time to try this myself untill the weekend finally rolls around. I know that someone is willing to try this out before me and post it on the list. I will let the list know how mine turns out, if you do not have the schematic of the 49-er you can view it on the NorCal home page or wait till someone has done this modification and posts it on the list.

72 de Niels  
VE6NJK/TF3NJ

: Argonaut 509, Epiphyte, 49-er on steroids and 38S soon to be thump free.  
: And a distinctive swing

PS: Heard the Fox tonight but did not work him.

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
Subject: [15138] Need new game bag  
Message-ID: <199703200248.TAA29296@lynx>

Got Cam, too, a minute ago-- wow, two foxes in one evening, finished it up with a bang, manner 'o speaking. Have to get a bigger game bag, though. Cam, your signal was a very copiable 5/5/9-- was expecting a bit more in the S department but maybe your TX filter was overcompensating. Lots of guys do wear big Hats here, doesn't make 'em TXns. And before you ask, I DID take the 6 filter out of the circuit just for tonight [g].

BTW, worked Tom at 0219, of course, not 0119 as in my last post.

Tom's still calling as I write-- a few minutes ago he said AZ is in the lead.

Guess this will be the last chance to say "got the fox" for quite a while, so many thanks to Chuck for organizing it and to all the foxes and hunters for making it fun.

73

Marshall Emm  
AA0XI/VK5FN  
aa0xi@mtechnologies.com  
<http://www.mtechnologies.com/mthome>

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Heron, George" <G.Heron@dialogic.com>  
Subject: [15146] NJ-QRP website back online!  
Message-ID:  
<c=US%a=\_%p=Dialogic%l=EXCHANGE1NJ-970320032421Z-21834@exchange1nj.dialogic.com>

After a brief outage due to a server hardware failure at the host site, the NJ-QRP Club website is back online: <http://www.njqrp.org>.

Sorry for any problems people had when trying to access us when we were down.

72,  
--George N2APB  
[g.heron@dialogic.com](mailto:g.heron@dialogic.com)

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Joe Gervais <vole@primenet.com>  
Subject: [15230] No more FCC DOB Info?  
Message-ID: <199703202309.QAA05699@usr05.primenet.com>

Howdy Folks,

On a QRP side note... Has anyone noticed that the FCC has stopped providing date-of-birth info to the online callsign databases? At least UALR says so. Why?

Frankly I've always liked finding out how old the folks are

that I've swapped RF with. Not always time to find out in a QSO either. It's fun to discover that a young kid was on the key, license so fresh that the ink is still wet. Or an old-timer born before pre-sliced bread was a neat idea.

Oh well.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And then you must cut down the mightiest tree in the forest with... A HERRING!"

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Phil Sikes" <psikes@whidbey.net>  
Subject: [15216] NW8020 report  
Message-ID: <199703201909.LAA11942@islander.whidbey.net>

Hello there all you QRP-L'ers. I just completed one of Roy Gregson's NW8020 kits for 30 meters and thought I would give you my impressions of the kit.

First off, Roy is a super nice guy to work with and I really appreciated his help and quick response when one component was missing from my kit. The kit and case are both first rate items. The board does not have plated through holes, but the silk screening and layout are very nice. I also bought his optional active audio filter which is very nice in it's own right.

This was one kit that I really took my time with. Not because of complexity, but because I wanted to enjoy the building process. There are no hand holding instructions with this kit so it would be hard to recommend it for first time builders. Still, it was a very easy kit to assemble. The very first step is the one everybody always enjoys, winding toroids, and boy is there a doozie in this kit. A T37-7 core needing 48 turns of #34 wire with a tap at turn 44! Care and patience will pay big dividends on this one. After winding the first one, the other three almost wind themselves.

With the toroids out of the way, the rest of the kit is built and tested in

stages, VFO, Audio, Receiver, etc.. It's always nice when you can see what you just built work right the very first time. It gives you the confidence to move on to the next stage. Another nice touch is built in test points. Definitely solder these in, they are needed in the testing stages. I also left mine in place in case they are needed in the future, also reducing the soldering and unsoldering on the board. Once the board was ready for mounting in the case I just cut the test point wires short enough that they couldn't short out against other components.

I am fortunate to work in a place where I have access to spectrum analyzers and such and can verify spectral purity and output waveforms. This is one clean rig! I didn't record my measurements, but if memory serves correctly any harmonics were at least 50 dB down.

The alignment went exactly as Roy had outlined in his instructions and I was on the air with a minimum of fuss and bother. This kit has one of the better receivers that I have ever heard. During construction and testing of the receiver you are directed to connect an antenna and peak the receiver noise. Well, with about 15 feet of wire clipped into the circuit I couldn't peak the noise for all the signals I was hearing. An absolutely amazing receiver. The audio output is also very good. Included in the case and hardware are a connector for a speaker, and there is plenty of audio to drive one. I hooked up an old Motorola mobile speaker and was amazed at the quality and quantity of audio that was there.

To say the least I am very happy with this kit. There are very few drawbacks, the main being no separate instructions for the different bands. There is a generic instruction sheet and another sheet for selecting components for the band you are building. Not hard to do, but it would be nice if you didn't have to flip back and forth to find a component value. One thing I wish all kit providers would do that Roy does is include voltage and signal measurements at strategic points in the rig.

No connection to Emtech, just one very happy customer.

72 - Phil  
Phil Sikes - KJ7NS  
ARCI #9196 - QRP-L #528

FISTS #2602 - NW QRP #412

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Steve Kubisch <kub@pacificorp.com>  
Subject: [15181] Original Norcal Sierra Sold  
Message-ID: <3331535E.F32@pacificorp.com>

Hi,

The Sierra has found a new home in AZ. It will be happy  
with lots other Norcal Kits.

Thanks for the many inquiries.

73,  
Steve -WW7Y-  
kub@pacificorp.com

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: ka7you@juno.com  
Subject: [15228] Power Pole purchase  
Message-ID: <19970320.134651.5063.14.KA7YOU@juno.com>

Well, the time has come for a purchase of Power Pole connector  
pieces.

There was not enough response to make the 1000 (each) piece price  
break, so the price remains at \$0.35 per contact (one housing and  
contact). That means \$0.70 for a red and black "connector half" , and  
another \$.70 for the mating "connector half" to allow you to hook one rig  
to one power source.

There has been a lot of confusion over what I am considering a  
"piece", so; It takes four pieces to hook a radio to a power source. A  
"piece" consists of one (red or black) connector housing and a contact  
insert. Two red housings with inserts, and two black housings with  
inserts make a "connector pair".

I have written commitments for over 400 pieces of each (red and  
black). The order has already been placed, and some (from the "Club's"  
stock) have already been bagged for shipment.

I stopped at the office supply store and got the padded envelopes,  
and checked on the postage rates. \$1.50 will ship up to 50 pieces to  
California, via USPS.

Tell me the connector wire size you would prefer, or I will make them  
up half and half. The smaller ones are for #16-#18 wire, and are rated  
at 15 amps. The next larger ones are for #12 - #14 wire and are rated at

30 amps. There are contacts for #10 wire available, but there has been no interest, and in my opinion for portable installations, they are prone to problems due to the rigidity of the wire. If someone needs that size, let me know and I'll see what I can do.

I use the #12-#14 size when I want to put two or three small wires into one lug for stacking power distribution connections. Also, on most of my rigs, the power connector is made up with a piggy-back "half" so I can also plug in an accessory (keyer, audio filter, automatic antenna tuner, small lamp, etc.) without having to have another open power lead terminal at the battery connection.

The standard orientation (according to Anderson ) is with the widest part of the terminal end UP. I can't draw it here, but if you look at the end there is a small plastic piece protecting the contact on the bottom side. It is also the side with the contact retaining spring. (It has an "A" embossed in it on the genuine Anderson parts) The wider inverted "U" shaped piece is on the top, sort of 'covering' the contact. For a connector "half" the black and red housings are mounted side by side, instead of stacked. We use (for memory purposes) the saying, "Red on the right , when under cover" It is kind of dopey, but it seems to help us remember the configuration. This means that when you are looking at the contact end of a red/black "half, the red contact is on the right when the widest part of the end of the connector housing ('cover') is on top.

I am sending this to the QRP-L list, and an ammended one to those who have E-mailed me directly with commitments for specific quantities. If you have previously contacted me about the Power Pole order, and do not get a direct response within a few days, drop me another note.

If you have not previously indicated a desire to get some of these connectors, and wish to do so at this time, please let me know soon.

7 3,

Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz  
NWQRP#120 ARCI#7251  
QRP-L#844

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Jeremy COWgar" <jcowgar@villers.com>  
Subject: [15136] Problem with TiCK-1 Keyer  
Message-ID: <B0000006836@mail.villers.com>

I just got my TiCK-1 chip, and PCB in the mail today and assembled it. Yes, I'm having a problem on such a simple circuit. I am running it from a twelve volt battery, therefor I am using the 78L05 ic. I also configured it



to use the buzzer instead of an audio line because it is installed inside of my paddles. It is now one unit that can be carried around to any rig, and work with any rig that is setup to use a straight key :)

Anyways, the problem I have is when I go into program mode (by hitting the push button once) I hear a DIT-DIT-DIT which is normal, however from there it produces a continuous tone out the buzzer. I checked everything I can think of. No paddles are shorted, the button is not pressed, I am getting 5volts to the chip, the chip is grounded, the circuit does not think it is keying.

I went as far as replacing the chip (I ordered a TiCK chip/PCB and a separate chip for my 38s), and I removed the components in the keying circuit getting rid of unnecessary items. Still the same problem.

All the functions work, however it's pretty hard to hear what's going on when the buzzer is constantly buzzing.

Has anyone had this problem? Does anyone know what I should check?

Thanks for any information on this problem,

Jeremy Cowgar - KB8LFA  
KB8LFA@qsl.net

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [15210] QRP and Heard Island  
Message-ID: <Pine.SUN.3.90.970320084522.9766B-100000@vortex.sage.dri.edu>

Hi All,

I have been chatting with one of the fellows that was on Heard Island. He is trying to find out how many QRP stations were able to make it into the log.

So, if you worked Heard Island please let either Bob or myself know. His e-mail is: Robert Schmieder <cordell@ccnet.com> .

This information will wind up in the book he is writing. (At least I think he is the one doing much of the writing).

It's nice to see QRP being acknowledged by such a great DXpedition!

Thanks.

FWIW: I will be in Idaho until about Wed of next week. See you all then.

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: HIMES@idic11.idi.oclc.org  
Subject: [15227] QRP757  
Message-ID: <01IGQDC6TLV6AI0N3H@idic11.idi.oclc.org>

For those that want to turn down their QRO rigs and challenge themselves with QRP (i.e. have some fun)...

My Yeasu FT757GX dials down to zero power just fine. Steve, K8IDN, is less than a quarter mile away and he can barely hear it when I turn it to zero. Quite smooth power control. I run it at about 2 watts on 40 and 30 and folks hear me pretty well. And any RFI problem I had, is gone.

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: N4JS <jsielke@pobox.com>  
Subject: [15196] Requiem for a Fox  
Message-ID: <Pine.LNX.3.95.970320113343.3692A-100000@jsielke.ppp.cyberenet.net>

Well, never could get the foxes last night. W1EAT was just too close, but early on, the 6's were POUNDING in. When Cam came on, I could BARELY hear him. As he worked his way through the 5's, etc., he faded, until he was gone. The QRN here was the highest I have seen it. I will be ready next year.

On "WIMPS" I LOVE it!!! I am looking forward to making many 30/17M contacts "Marine Mobile." I "saved" Chucks message, and after 1 April, will add his "WIMPS" line to my (already long) sig.

I am REALLY going to miss the Fox Hunts. Thanks to all for a great time. I only got 5, but didn't start until Dec 27, and had to work a lot of Fox nights.

<pre>       _ _ _ _ _         \         _     / _ _           . '     _ _       \ _ _ \         _   \   _   \ _ _ /   _ _ /       NE-QRP #507 G-QRP #9544 </pre>	<p>John L. Sielke n4js@amsat.org n4js@pobox.com  n4js@n4js.ampr.org NJ Grid:FM29LN  <a href="http://www.pobox.com/~n4js">http://www.pobox.com/~n4js</a>  NJ-QRP #57 QRP-L #884 QRP-ARCI #9328  NorCal QCWA FISTS #2781</p>
--	--

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Jerry Parker <jparker@fix.net>  
Subject: [15153] SLV MODS INFO  
Message-ID: <2.2.32.19970320045030.00cd6384@fix.net>

GREAT NEWS!

Vern has purchased a supply of the SD-20's 20' fiberglass fishing poles for the St. Louis Vertical.

He is making these available with his kits.

Check his page out at: <http://www.fix.net/~jparker/w6mma.html>

Here is another QRP supplier going that extra mile.

Enjoy,,,72,,,Jerry...WA6OWR...K

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Bob Tellefsen-CNSE97 <Bob\_Tellefsen-CNSE97@email.mot.com>  
Subject: [15200] Sunset Fox report  
Message-ID: <M1347548.001.cpgn0.1.970320165046Z.CC-MAIL\*/OU=LMPCC10/OU=ILBE/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Well, Cam, you old Sunset Fox, you did it to me again. Never heard a peep or a yip out of you. In fact, never even heard anyone else working you. Too bad, as I finally had a low QRN evening and could HEAR! I did work an El Paso station

that mentioned he had worked you, though, so I know you were hiding out in those rf bushes somewhere. Oh, well, there's always next year.

I guess I'll just have to settle for having worked HA5JI in Hungary instead. Band seemed really long, and heard a number of dx stations last night. My first QRP European dx in a long time.

72,

Bob N6WG

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "T. PETTIBONE" <tpettibo@NMSU.Edu>  
Subject: [15132] The FOX  
Message-ID: <Pine.A41.3.95q.970319190653.33260A-100000@hector.NMSU.Edu>

Tom, W1EAT, is 339 into NM at 0212Z on or about 7.0377.

Tim K50I

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: tmh@world.std.com  
Subject: [15192] TI85 Graphing Calculators  
Message-ID: <Pine.SGI.3.95.970320104723.11520B-100000@world.std.com>

I've received requests from list members to share anything I find on building test equipment that interfaces with this calculator.

After a little web-surfing I've discovered THE site for info on this: [www.ticalc.org](http://www.ticalc.org) (this is not a TI site). They have all the schematics on the real-world interface that comes with this calculator. If you want to build test equipment, a calculator-controlled radio, etc., I'd start there and download all the FAQs. Email me if you want more info.

No connection to TI, don't own one of these, etc. blah blah.

-- Tim N1PAZ

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>  
Subject: [15193] Troublesome Exchanges  
Message-ID: <199703201610.LAA28414@nss2.CC.Lehigh.EDU>

Hi Gang,

The thread on First QSO Ever reminded me of one particular SSB contest where the exchange required serial number followed by power class. In my case it was XXX Q.

It was well into the contest but I had just started. The other guys were signing 355 A and 276 B and so forth. Then came my fourth QSO. Three guys abandoned me when I sent then 4Q. I did not even realize what was going on until the second guy told me "same to you buddy!" So on the third try I send 4 Quebec. I had to repeat that about 5 times as it was confusing at the other end.

Once I hit 5Q and higher the contest smoothed out a bit :-)

72, Mark N2VPK  
Member of the Buffalo QRP Connection

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: ericvia@why.net (Eric Via)  
Subject: [15189] Up In The Attic Blues (Lessons Learned)  
Message-ID: <v01520d047142a9dc3f9c@[207.211.121.184]>

THANKS to all of you who responded to my original question ("Roof Or Attic")! I got some great feedback and some great ideas from SO many of you - thanks.

As for my first contact last night - thanks again to all who wrote and shared my excitement - I will respond to each of you soon!

UP IN THE ATTIC BLUES, by Eric Via, AD4SS

It's up there now - up in the dark attic - shining copper wire, stretched to perfection, hung with love..and from my first-ever contact last night to MA (I'm in Texas) - it WORKS!

I like to keep my hair VERY short - we're talking with a number ONE clipper, and so I had my wife cut my hair as she always does, out in the garage.

Shower? I can do that later - right now I wanna see what happens if I string this tangled up dipole carcass up in the attic!

=====

LESSON LEARNED: It's probably NOT a good idea to have your hair cut and have hair stubble down your shirt and pants before going to crawl around in fiberglass insulation! Got it!? (probably MOST people don't need to be taught this lesson - but then you don't know me - spontaneous, silly, and "do first, think later" attitude"!)  
=====

I get up to the attic, my wife goes to bed:

I start setting up the dipole.

=====

LESSONS LEARNED:  
Bring all tools (string, nails, flashlight, coffee, hammer, knife) up to the attic WITH YOU!  
Hair stubble in pants itches.  
Insulation itches.  
Copper wire SOMEHOW comes to life in the dark on the floor and tangles itself up in ways that Houdini himself couldn't get undone!  
A 40m dipole is LONG!!  
Attic space ISN'T that LONG!  
=====

I hung one end, stretched it all the way down, straight and true, and things are looking good...FB indeed!

=====

LESSONS LEARNED:  
Hair stubble in pants seems to have found a home in a place I don't care for it to be!  
Where did I set my coffee??  
32 years old may be young, but I sure can't stretch, climb, and bend like I used to! Oh youth - where are you!?  
=====

I hit the center of the dipole, and it was a straight stretch indeed - I'm a happy soon-to-be Ham Op!

I secured the center-feed, and planned my next stretch of

the wire - it was looking good - an even better route for the next leg of the dipole was coming up - the roof goes up higher! (probably around 30 feet up or more!) bad part is it's not as long as the first stretch.

=====

#### LESSONS LEARNED:

Just because you untangle ONE end of the dipole doesn't mean you don't have to un-tangle the OTHER end! DOH!  
Coax Feedline must really love copper - because they were tangled up in each other like you wouldn't believe!  
There's going to be some wide-awake rats, roaches, bats, and other critters in my attic because I do NOT know where I put down my coffee!  
If you're one of those people who are "into" pain have your hair cut with clippers more often, and make SURE that you don't brush the hair off your body either!  
A heavy hammer stuck in your pants pocket of your jeans will cause gravity to be stronger on your jeans - thus pulling them down - this is really convenient if you want MORE insulation in your pants!

=====

I continued my journey, untangling, cursing, itching, and it was getting exciting. I had to take a few bends of the dipole but nothing major - I'm sure it will affect my signal SOMEHOW but I'm not going to worry about it for now.

At one point as I sat untangling I took a minute to get philosophical...here I am, with a computer downstairs on safe ground. It's got a nice cool device on it that MODulates and DEModulates, I can send messages to damned-near anyone in the world with it, it costs very little per message, it's fast, effecient, and modern, and hear I sit itching in a mountain of fiberglass insulation stringing a wire across my attic so I can use ancient Morse code to MAYBE talk with other people.

AM I FRIGGIN' NUTS!!!!!!? HAVE I LOST MY MIND!!!!?  
And the people I'm going to be "talking" to have done this same crazy thing as me!? They don't DESERVE to be talked to!!!

Now the good part comes - here's where Murphey's Law kicks in. (By the way my favorite law is: "Coles Law: Thinly-sliced cabbage")

I'm WAY in the back part of the house, about to put up the end

of the dipole, I'm over my bedroom, I'm itching like a madman and cursing and sweating and I need a smoke.

Remember I said my wife (a very smart gal) went to bed!?

I'm being as quiet as I can - and I just KNOW the attic floor will give in and I'll fall right down on top of her through the roof. I even had it planned what smart-\*\*\* thing I was gonna say when this happened - (It was between - "We gotta stop meeting like this" - or - "Hey honey just thought I'd drop in and see you")

But I didn't fall through...this time...I think fate has it I will probably die in a nastier accident later..oh boy...perhaps fate also has it that my kids are meant to be father-less and that later I'll decide I want to set up a TOWER??

Okay my Weimarer Luke sleeps in my bedroom with us, and HE also decided to go to bed when my wife did, and Luke ALSO decided that the night I put up a dipole in the attic would be a fine time to suddenly become Mister Watch-dog!!

BARK GROWL BARK BARK BARK RUFF BARK!

DOH!!

WHY!? Why me!? I can't figure out what to do - I can just picture my wife below sitting up in bed wondering what the hell's going on - wondering why her husband isn't coming to tell the dog everything's okay.

I can't figure out if I should sit still and hope he stops barking, yell down through the roof to the dog "it's ME - your master, up in the attic with insulation and hair stubble down my pants putting up a wire - be quiet!", or, simply go ALL THE WAY back across the attic, down the stairs, and shut the dog up. (I DO still have the hammer in my pocket)

I decide to go back down, and so I flirt with death even more and scamper all the way across the attic, run downstairs, and pull the dog from my bedroom and lock him in a spare room so he'll be quiet.

=====

LESSON LEARNED:

Dogs don't care for people crawling around in attics (I don't either anymore)



I'll pay for this with Mrs. Via in the morning.

=====

To give this long (sorry) story a happy-ending - I finally finished up, got the antenna up wonderfully, took a shower, let the dog out of the room, apologized to my wife, never found my coffee, and left a pair of pliers in the attic.

Was it worth it!? YES! I had my first contact with my HW-8 and my attic dipole last night with AA10K in MA!!!

Now I SEE why you guys are crazy, and I see the thrill!

Stay tuned!

Yours in QRP,

Eric "Mr. Attic" Via AD4SS, Wylie, TX

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [15131] W1EAT  
Message-ID: <199703200156.BAA19089@chuck.dallas.sgi.com>

He's at 7.038 or so at 0151UTC when I worked him. Ah ha. Hear Pete W6ZH trying to null out my score. :-)

The moving of the spiders helped the antenna a lot.

I got home from a hard day at the office and turned on the GM-30 and said what the hey, let's call CQ. One time and here comes TI4VSG.

Nice QSO followed. Now how often does that happen? DX coming back to a regular CQ. Not often enough in my logbook.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com DXCC=14 40M 2W TT1340  
[http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)  
"Life is too short for QRS." - W9WBL

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: cooper@gmpvt.com (Tom Cooper)  
Subject: [15176] W1EAT Fox log +  
Message-ID: <199703201457.JAA27893@web.gmpvt.com>

Thanks to everyone who called last night. There were some that I just couldn't pull out, and some that needed a LOT of repeats. The spot I started on got very noisy with rtty, cw, commercial, computer, xyl practicing french horn, dog barking, fire engines, and Hale-Bopp background hiss. I moved a little but it seemed to follow me. At about 0050 I moved enough to spill my drink on the table and that kept me busy sending, writing and cleaning up.

Special "keep sending, it'll get through eventually" kudos to VE7CQK, K2VCO, K1MGE and K1MG. There were some VERY similar calls and sometimes I thought I had copied wrong originally, like K1MGE/K1MG, NQ7X/NQ7K, AB7TT/AB7ST. It was probably the wrong thing to do, but I did not ask for fills on the number if it seemed hopeless. If that was copied wrong, it's my fault.

Very challenging condx and quite a bit different from contest operating because of the calls coming from off frequency and the uniformly relaxed and friendly atmosphere. Thanks for the fun.

Please send QSLs to:  
Tom Cooper  
143 Spruce St.  
Burlington, VT 05401

Tom W1EAT

3/20/97

UTC	CALL	RST	RECEIVED
0030	KR0I	339	349 MO MAC 1037
0032	N9DD	559	559 IN TOM 32
0032	WA9PWP	449	579 WI PAUL 127
0034	WA6TLA	329	339 CA ELLIOTT 920

0035	AB7MY	339	539 AZ GARY 571
0036	N7VE	339	229 AZ DAN 3W
0040	KE4YH	559	549 FL STEW 590
0041	W5FN	549	559 TX TIM 586
0050	NQ7X	339	449 AZ FLOYD 343
0056	K4GT	329	449 GA JIM 1023
0103	K2VCO	349	339 CT VIC 725
0106	NQ7K	339	339 AZ MIKE 47
0110	NI0A	549	559 MN JOHN 689
0115	K1MGE	219	339 CA KEN 615
0120	AA0XI	229	439 MO MARSHALL (can't read my writing)
0124	AB5UA	549	539 OK CLIF 478
0132	N5LU	439	579 OK BILL 2W
0135	K1MG	329	339 CA MIKE 614
0140	KI7MW	229	229 AZ BOB 2W
0144	WD4ET	549	549 FL JEFF (can't read my writing)
0146	VE7SL	229	559 BC STEVE 769
0152	K5FO	559	559 TX CHUCK 1
0153	W6ZH	549	569 CA PETE 257
0155	VE5RC	439	339 SK BRUCE 886
0200	KK5RO	539	339 OK VERNON 325
0202	KB9IUA	439	559 IL KEVIN 384
0205	N6XU	539	599 CA STAN 66
0206	AB7TT	439	559 AZ JOE 191
0209	K5OI	339	339 NM TIM 83
0210	W6SU	439	549 CA JOHN 48
0213	N4ROA	559	559 VA DAN 970
0214	N5DUQ	229	559 OK BURL 2W
0216	K5WO	549	559 TX BOB 273
0219	VE7CQK	229	229 BC PAUL 20
0223	AB7ST	569	559 UT BOB 129
0227	W0FG	589	579 IA RICK 1019
0229	W6EMD	229	349 CA DAVE 294

37 QSOs CA 7, AZ 6, OK 4, TX 3

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
 From: cooper@gmpvt.com (Tom Cooper)  
 Subject: [15183] W1EAT Fox log correction  
 Message-ID: <199703201539.KAA29211@web.gmpvt.com>

I copied KI7MN correctly, wrote it on the paper correctly  
 and typed it wrong. At 0140Z KI7MW should be KI7MN.

Thanks, Bob.

Tom W1EAT

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [15177] W1EAT's post  
Message-ID: <199703201455.0AA20501@chuck.dallas.sgi.com>

Tom,

Thanks for the report. One down and one to go (N6GA).

CA got lucky with the band being long. That's why I couldn't hear N6GA later when he came on. AZ really got going at the last of the season, guess they saw TX and CA having too much fun. :-) Good show guys.

Also thanks for posting the mailing address. I had card in the envelope and addressed and had to change the street address and the FCC database has the old address as of this a.m.

Now I can give up the secret agenda. The reason for the lengthy (well relatively long exchange) is for the code practice. RST and NR/PWR makes it challenging. :-) You think that I'm going to check all that stuff. ;-) We won't do away with it, but it does put the pressure on doesn't it? :-) Try SS sometime.

I do sincerely hope that everyone that participated enjoyed it. Got a lot of inactive QRPers out and about I hope. Not intended to be anything else but an exercise to generate activity during the winter months and during the week when things are relatively quite everywhere. So everyone get the antennas ready for next Oct. It'll be here before you know it.

Anyone think it's a waste of time and energy?

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com  
[http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)  
WIMPS: Qs=000 30m=0 17m=0 12m=0 States=00/00/00

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>  
Subject: [15178] W6MMA'S COIL FOR SLV  
Message-ID: <9702208588.AA858877336@smtpgw.ccgate.dl.nec.com>

Gang:

Interested in hearing from anybody who has tried  
the 80-10m or 40-10m coil mod for the SLV offered  
by W6MMA.

How does she work? I'm very interested in getting  
this one.

TIA

73 de Dave NR3E/5  
nr Dallas, TX  
qrp-1 #25, ARRL

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: bhowell@mail.utexas.edu (Bill Howell)  
Subject: [15155] WAS Web address  
Message-ID: <199703200556.AAA126226@nss2.CC.Lehigh.EDU>

Here it is:  
<http://www.dancris.com/~ki7mn/fsfmsked.htm>

No freqs listed though (unless I missed something).  
I'm hoping that the ops and their freqs will be posted prior to each  
day of operation (helps us Digest subscribers) <hint hint>.

You Wrote:

"I lost the Email with the schedule (read deleted :-)) on the WAS  
schedule for 40 and 30 meters. Can I get a repost or a pointer to the  
web apot wiht the information like now? I wanted to see if there was  
anyone still out there calling!

best

jess NOTFI"

Bill Howell  
University of Texas at Austin  
Electronic Maintenance  
bhowell@mail.utexas.edu  
N5ALO QRP-L #415

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Chris Doherty" <doherty@scranton.com>  
Subject: [15236] web page address change , email address change  
Message-ID: <199703202354.SAA12854@ns1.scranton.com>

My ISP is going out of business. For those who have links to my web page, the new address is:

<http://www.icontech.com/~n3uvr>

New email is: n3uvr@icontech.com  
Thanks.  
CUL  
-73- de N3UVR, Chris Doherty  
QTH 715 Monroe Ave.  
Scranton, PA 18510  
Member ARRL ARRL VE QRP-L #382 FISTS #2347  
<http://www.icontech.com/~n3uvr>

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>  
Subject: [15149] What does it cost?  
Message-ID: <3.0.1.32.19970319200103.0068e574@telis.org>

Guys, I have been reading the threads about the 38 Special contacts, troubles, fun, highs, lows, despairs, frustrations, joys, etc... with a lot of pride. Both Jim and I have been asked many times why we do what we do with the NorCal kits. If you read Marty's postings over the past 2 weeks, and shared the obvious joy and glee of his finally getting the rig to work and his self satisfaction, you have an idea. What does an education cost? I don't know, but seeing the satisfaction in Marty's post makes it worth it to a teacher like me. Thank you Marty, and all of the other 38 Special

posters for sharing with the 38 Special team. We do appreciate it. And, go ahead and send those orders in, as Jim will have kits by Monday. The boards for the third run of 500 were picked up last night, the parts are coming in from Mouser and Digikey, and I have a free weekend to put kits together!!

72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>  
Subject: [15199] WIMPS UNITE! TAKE THAT, YOU QRO BULLIES  
Message-ID: <9702208588.AA858883744@smtpgw.ccgate.dl.nec.com>

Chuck and Gang:

I think the WIMPS idea is a great one. Last summer, I spent a good bit of time checking into 17m. Did okay, but this year will make a concentrated effort there. It seems like a good band - much like 15m, although I've noticed lower signal levels and much QSB. I'm sure as condx improve, so will all of that.

Aerials used will be the trusty R5 and the balanced line fed dipole at 30'. Will be interesting which yields the best results.

p.s. Sorry Chuck, I stole your WIMPS sig line below. Hope that's not a problem, but it looked "official"

73 de Dave NR3E/5  
nr Dallas, TX  
qrp-1 #25, ARRL  
WIMPS: Qs=000 30m=00 17m=00 12m=00 States=00/00/00

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [15173] WIMPS [long]  
Message-ID: <199703201405.0AA20350@chuck.dallas.sgi.com>

Gang,

The foxhunt is officially over for 1996-1997. And a good one it was. As soon as I get the final tally posted and corrected we'll announce the winners and finish up. Thanks to all who contributed. I know at times it was rough. There were trying times but those come with being a QRP'er. I can't thank enough the volunteers for the foxes and the prize contributors. Thanks.

It's about that time of the year again, i.e. when the sun comes back across the equator and shines down on us and gives us longer days and warmer temperatures. It's part of the annual cycle of things. Hale-Bopp in the morning just before sunrise makes the promise of a new day and new adventures awaiting to be discovered exciting.

Since NORCAL came up with the 38S project a large number of QRP'ers and wanna be QRP'ers have assembled, debugged, are debugging, and applying an infinite number of mods to these puppies there is gonna be a lot of activity this year and for years to come on 30m. Not to mention all the Oak Hills rigs, NN1Gs, Wilderness Radios, S&S, A&A, B&B, MXMs, HBs, and the list goes on and on and on.

Don't remember now, but I think a couple of years ago, after the winter fox hunt I wanted to try out 30 meters. So we went after the band in a big way by building a couple of rigs and setting the power level to 0.95W (the magic number). Managed a bunch of countries and 49 states worked and confirmed in short order. Before that time I had been almost exclusively a 40m fan as the band at night doesn't seem to care about sunspots. Hey, it's dark isn't it? :- ) ; - ) This was the origination of the Thirty Meter Propagation Study (TMPS). It was an exercise and not a contest to keep down the flame wars on contests etc. Didn't want to do yet another contest. Doug has a plaque for DXCC with a 38S (or was that WAS?) for the first one to do so and document it. Heck, we'll do both. Doug will send me the bill for the one that I'll sponsor.

Since 30 meters is between 20 and 40 meters the band shares some of the characteristics of both. Here are just some random notes on 30 meters and may not apply for everyone and some will probably argue some points (hey, I have been wrong many times before):

1. During the winter months, 30m is a daylight band most of the time and it dies pretty early after sunset. On rare occasions it may stay open a little later, say 2 or more hours after



local sunset. The winter months here meaning when the sun is south of the equator and for those hams north of the equator. The opposite for those south of the equator.

I tend to stay on 40m during these months for historical reasons.

2. Starting after Mid-March, the band may stay open later and during July and August I have seen 30 meters stay open to and past local midnight. Why Tuesday night after the foxhunt period I turned on the 30 meter rig and was practicing some on the beacon mode on the MM-3. At 0430UTC the band suddenly opened up to the west coast and I managed one QSO with a 3 call in 6-land. At 0436UTC I heard VP5/KB4IRS around the low part of the band where VP5 is the Turks & Caicos Islands. Then in about 5 minutes the band closed for good for the night. So it does aperiodically open late at night even after it has closed for a while. The west coast was hot with lot of 6's.

Wednesday night heard, C56/DK3FWM, TI4VSG, VP2EUC, and worked AE4JM among others. Matt will explain I'm sure, but the 15 yr old kid is doing great with the SWL-30 and he did move up from straight key to paddles.

3. Also another important point. During the summer months the longest distances at the lower power seems to be right on the edge of the time period when the band is either opening or closing. Hang around in the late evenings when the QSB is especially bad. You will see the band close, i.e. no signals anywhere. When the band does come back it is a good time to get a long distance QSO but not a long one. All this greyline propagation stuff at work. I got a WH6 at 0300UTC which was late at night in TX.

In fact, if you are on late and don't hear anything, just QRL the freq and if nothing still heard then send a couple of CQs and see if the rest of the world is listening too. You'll be surprised. There are enough ears on 30m now that someone might hear you. And you might be living close to someone with another 38S that you didn't know about.

4. During the noon hours and afterwards until late afternoon the absorption effects seem to keep activity down on the band, but that may be a false data point due to QRPers moving up in frequency to take advantage of any openings on the higher bands.

I have found that pre-dawn and up to mid-morning local time are good times starting in late-May for good QRP contacts. Then late afternoon until very late at night during the summer months are very very good times to work a large number of stations. In fact, here is the data from my logbook for the last couple of years. I just grabbed the data and

wrote a one line script for a C-Shell and got the following table:

Starting Hour	Number of QSOs during that hour	
2300 UTC	18	
0000 UTC	26	
0100 UTC	48	
0200 "	76	approximate local sunset
0300 "	56	late sunset in July/August (WH6 worked here)
0400 "	19	
0500 "	4	
0600 "	0	i probably slept through openings here
0700 "	0	"
0800 "	0	"
0900 "	0	"
1000 "	1	oops, couldn't sleep or got rig built
1100 "	3	
1200 "	9	
1300 "	17	local sunrise approx.
1400 "	20	
1500 "	17	
1600 "	5	
1700 "	5	
1800 "	5	
1900 "	6	
2000 "	5	
2100 "	3	
2200 "	5	

This is biased somewhat by five days a week (and sometimes more) being at work from 1300UTC for the next 8 to 9 hours or more. Some data collected on weekends, but not enough to give a definitive study on the topic of daylight. You would have to do this for more than 11 years to get a sunspot correlation and seasonal variation combinations.

I'll put some graphs on the web home page this weekend for this data.

I am no expert on this 30m topic. Just my views and data collection up to this point after a few years. We all learn something new each day.

So for this year, 1997, let's start April 1 until August 31 as TMPS (Thirty Meter Propagation Study) and also include 17m (not picking on 20M, it's just been beat to death over the years) also. I have NN1G's GM-30 and GM-17 and an OHR 100 on 30 to play with and going to check out 17m. Others are already up there with CW/SSB and various rigs. They can guide us and tell us who's who and where's where. All YOU have to do is get ready, get on the air, and keep data. Report once in a while to the group

and let us know of any progress or problems. The antenna is important here as well as elsewhere. Set goals and zero all the counters in your signature file. :-) This doesn't mean throw away all your previous accomplishments but help us keep track of current events. It is not a contest. Consider it a journey that many of us are going to take together and share.

April 1 is going to be interesting, the start of ??MPS and a lot of April Fools urban legends released on the world. It also starts to put a lot of pressure on those guys and girls sitting there with an unbuilt 38-Special in the bag waiting to be built. Now what you gonna do?

Now that I got the antenna working like gang-busters again maybe just maybe I can catch the elusive KL7 on 30m. It's easier to catch a ZL or a VK for me that to work someone almost in the back yard (relatively speaking). May have to put up a wire beam pointed NNE just to get a contact.

If we include 17m and 12m, guess we'll have to change the name to something like WARC Internet Monitoring and Propagation Study (WIMPS). :-) Since we are at the low low low point of the sunspot cycle with counts of zero for long periods of time we could watch the slope vs propagation increases and get some valuable timely data over the next few years. No fair going over 5W. Make it challenging. :-)

One thing for sure, the rigs for 17m and the higher frequencies have got to have a good receiver. It becomes a challenge to get stability and sensitivity at these frequencies. No more rigs without an IF amp or you'll have a receiver that is deaf.

Any gotchas on 17m and 12m? For 30m there is the commercial RTTY (and we are talking QRO+ here) at a number of points that we'll point out later and that have been posted in the past. CW 10.100 to 10.125 and digital above to 10.150.

I have never in my life had a contact on 17m or 12m. I hope I do so within the next year. Will I need an oxygen mask at that high an altitude? Surely they must be in the IR region. Can you see RF on the aerial?

I will report a failure though. This year I didn't do too well on 80m. I just didn't have enough wire or space for the antenna system. I guess. Maybe spiders absorb RF at that low frequency. Managed about 25 or so QSOs and did a bunch during SS, but that wasn't on my antenna system. I'll try the last two nights of the colorburst contest and see if the new changes have a significant

effect. 80m is a challenge and my hat is off to each and everyone that has done a lot on that band. QRN will start up now on 40 and 80 and it seems to me that 30m and up noise levels are much lower as is to be expected. Most likely a Poisson distribution for QRN and man made noise.

OK, get on the air and get ready.

Chuck Adams K5FO CP-60 adams@sgi.com  
[http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)  
WIMPS: Qs=000 30m=0 17m=0 12m=0 States=00/00/00

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>  
Subject: [15126] Re: 38 Special "thump" fix question  
Message-ID: <3.0.1.16.19970319203657.29a7d3de@mail49.mci2000.com>

At 10:59 AM 3/14/97 -0800, Mark Gaponoff wrote:

>Folks,

> From "Reder, Ronald" <Ronald.Reder@wang.com> post on

>Tue, 11 Mar 1997... (extracts)...

>

>=====

> ...When I started looking at where to cut the trace from

>U2-11, I discovered the primary cause of the thump.

>

>The way the board is layed out, the ground connection for C14 goes to the  
>ground plane that serves U4. This chip conducts a lot of current. That  
>causes the voltage on that ground plane to rise on transmit and drop on  
>receive relative to the ground point for C38, the audio amplifier reference  
>voltage. This causes the thump when the transmitter is unkeyed.

>...

>=====

> My question is:

> To solve the thump, is it sufficient to just cut the ground  
>trace from C14 to U4, and run a jumper from C14 to one of the  
>spare ground pads under U2? Does this stop the thump? Is the  
>RF filter then really needed? (I am not adding the TiCK yet).

> I am still building my board, so it is easy to get at the  
>area in question now. Has anyone else found that this mod  
>does the trick?

> By the way, Ron, nice job!

>

>--Mark

>

Mark...I tried this approach, and it didn't change the "Thump"

any. Still there....still strong!!

72....Jim

Jim Kortge, K8IQY (ex NU8N)		BMHA, NorCal, QRP-L
jokortge@tir.com		__o Cascade 17/40 SSB
Fenton, MI		`\<, Mizuho 17/40 SSB
...	(*)/(*)	.

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
Subject: [15119] Re: 38 Special -- Tuning range  
Message-ID: <199703200016.SAA17135@multi13.netcomi.com>

Congratulations on getting your radio going, but...

Let's not get greedy, Marty!

With the 4.7 uH inductor, you got nearly ideal results.

By changing the inductor, you got fantastic results. Webster's defines fantastic as "based on fantasy: imaginary".

In order to move the crystal that far in this circuit, you must destroy its Q. I suspect that you now have an oscillator which is more a VFO than a VXO. I also suspect that you will find chirp, instability, drift, and horrendous transmit offset, especially near the bottom end of the tuning range.

Play with it. Test it. Report back to the group. But save that 4.7 uH inductor -- you may still need it!

gl

Mike K1MG

> .... Now that the 38 Special is producing RF, I found with the 4.7uH  
> choke (standard) my tuning range was from 102 to 120. I changed the  
> choke to a 6.8uH, and now the tuning range is 068-113. Coverage  
> went from 18kHz to 45kHz!  
>  
> Now, the question: I haven't seen anybody with a range this low  
> trying to bring it up. ....  
>

> 72 es 73 de  
> Marty, KM7W

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Roger Hightower <n7kt@dancris.com>  
Subject: [15235] Re: 38 Special: Heatsinking  
Message-ID: <3331CC1A.356@dancris.com>

Marty,

If you use a heatsink you don't need nylon hardware, or the insulator.  
Those are for the case-mounted IRF510.

Just use a regular 4-40 bolt and nut. The heatsink shouldn't touch the  
board, unless you really crammed that IRF down in there.

--

72/73 de Roger N7KT Mesa, AZ Grid DM43cj  
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,  
HW-9  
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>  
Subject: [15120] RE: 38S KeyThump - The Cure!!??  
Message-ID: <3.0.1.16.19970319192403.283f1996@mail49.mci2000.com>

At 01:09 PM 3/19/97 -0500, Ron KA1KCU wrote:

>Dave Fifield wrote:

>> ... Well, the thump is not due to C14 and earth currents ...

>

>Unfortunately, I must agree. While this fix solved my problems,  
>three others have tried it with no success. I can only conclude  
>that I never had "The Thump", but only a thump.

>

>My apologies for the false lead. I hope this turns out to be the  
>source of "The Thump."

>

>73, Ron KA1KCU

>

Well, I'm not sure that Dave has it tied down either. I removed  
U2 from its socket tonight, and bent pins 9 and 10 away from the  
chip body, and put it back into its socket. I was expecting to  
hear no "Thump" at all, but found that this cahnge did not make

any difference at all. Which leads me back to my original thought that I had privately posed to others on the list that the "Thump" was coming from leakage of the switching drive signals into the signal channels of the 4066. I'm more convinced now, than ever before, that is the mechanism. Unfortunately, my equipment isn't good enough to test out the theory. Anybody want to take up the challenge??

72....Jim

Jim Kortge, K8IQY (ex NU8N)		BMHA, NorCal, QRP-L
jokortge@tir.com	__o	Cascade 17/40 SSB
Fenton, MI	_`\<,	Mizuho 17/40 SSB
... ..	(*)/(*)	. . . . .

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: wb8ygg@juno.com (Bradley S. Mitchell)  
Subject: [15133] Re: 38S KeyThump - The Cure!??  
Message-ID: <19970319.211152.8831.0.WB8YGG@juno.com>

Ditto to my experimental results.

73 Brad WB8YGG

On Wed, 19 Mar 1997 19:24:03 -0500 "Jim Kortge, K8IQY"  
<jokortge@mci2000.com> writes:  
>At 01:09 PM 3/19/97 -0500, Ron KA1KCU wrote:  
>>Dave Fifield wrote:  
>>> ... Well, the thump is not due to C14 and earth currents ...  
>>  
>>Unfortunately, I must agree. While this fix solved my problems,  
>>three others have tried it with no success. I can only conclude  
>>that I never had "The Thump", but only a thump.  
>>  
>>My apologies for the false lead. I hope this turns out to be the  
>>source of "The Thump."  
>>  
>>73, Ron KA1KCU  
>>  
>Well, I'm not sure that Dave has it tied down either. I removed  
>U2 from its socket tonight, and bent pins 9 and 10 away from the  
>chip body, and put it back into its socket. I was expecting to  
>hear no "Thump" at all, but found that this cahnge did not make  
>any difference at all. Which leads me back to my original

>thought that I had privately posed to others on the list that  
>the "Thump" was coming from leakage of the switching drive  
>signals into the signal channels of the 4066. I'm more convinced  
>now, than ever before, that is the mechanism. Unfortunately,  
>my equipment isn't good enough to test out the theory. Anybody  
>want to take up the challenge??

>

>72....Jim

>

>

>Jim Kortge, K8IQY (ex NU8N) | BMHA, NorCal, QRP-L  
>jokortge@tir.com | \_\_o Cascade 17/40 SSB  
>Fenton, MI | \_'\<, Mizuho 17/40 SSB  
>... .. (\*)/(\*) . . . . .

>

>

>

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: gsurrency@juno.com  
Subject: [15152] Re: 38S KeyThump - The Cure!!??  
Message-ID: <19970319.210858.3774.4.gsurrency@juno.com>

Why not just use a FET audio switch to mute the audio from the receiver  
circuits but leave the audio from the TiCK? Seems like this might be the  
way to go. I'll have to try it and see.

72,

Gary Surrency AB7MY  
S&S TAC-1(40&80m) and ARK30, AT-11 (QRO and QRP)  
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH  
Az ScQRPions  
QRP-L #571

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>  
Subject: [15121] Re: 38s question  
Message-ID: <3.0.1.16.19970319194429.29a75898@mail49.mci2000.com>

At 09:29 AM 3/7/97 -0600, John (NU0V) wrote:

>Jim,

> Well I'm really behind on the 38 special but I do have a question.



>This has been posted several times but I never saw the answer. Can you  
>tell me which of the pots is audio vs linear taper (tuning & gain  
>controls I believe).

> Thanks in advance.

>

>72/73,

>John (NU0V)

>

John....either will work, with the audio taper probably being  
the preferred of the two I'd guess. Since both the r.f. gain  
control and tuning are very non-linear, the audio taper will help  
linearize each a bit. You may want to add an additional resistor  
from the wiper to ground of the tuning pot to spread out the tuning  
on the ends a bit more. 20 - 30% of the pot's value would be a good  
starting point.

72....Jim

Jim Kortge, K8IQY (ex NU8N)		BMHA, NorCal, QRP-L
jokortge@tir.com	__o	Cascade 17/40 SSB
Fenton, MI	_`\<,	Mizuho 17/40 SSB
...	(*)/(*)	...

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Wayneb1103@aol.com  
Subject: [15123] Re: 38S T/R switch  
Message-ID: <970319202621\_-968993382@emout07.mail.aol.com>

In a message dated 97-03-19 18:01:04 EST, you write:

<< In a message dated 97-03-19 02:43:08 EST, Wayne/WB7WHI writes: "If I would  
learn to keep my mouth shut nobody would realize how stupid I be. . . "

Hey, that's my line. Actually, I was talking the other day with a co-worker  
about communications skills and she dubbed me as among the impaired. I  
accepted the nomination and went away to duct-tape some office doors open in  
a hotel.

>>

I would like to reply to this but honestly...I just don't know how!

When you were coinsidered a small child did you use your finger to test light  
sockets?

Do you tend to play golf during lightning storms?

When sitting all alone in the closet do you glow in the dark?  
Have you ever been hired to clean out the reactors at the Hanford Nuclear Site?

Do you have to eat with plastic forks?

Just trying to understand... :)

Wayne WB7WHI  
Spokane, Wa.

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Steve Hurst" <shurst@magiclink.com>  
Subject: [15135] Re: 38S T/R switch  
Message-ID: <199703200232.VAA144300@nss2.CC.Lehigh.EDU>

-----  
> Nils  
> WB8IJN +c  
> . . . still looking for the courage to try a milliwatt NC38S qso. . . .

Jump on in Nils, the water's fine :-)

73,  
Steve  
KA7NOC  
<http://www.magiclink.com/web/shurst>  
[shurst@magiclink.com](mailto:shurst@magiclink.com)

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: ori@juno.com (Ori K Mizrahi-Shalom)  
Subject: [15162] Re: 38S T/R switch  
Message-ID: <19950319.232948.4415.6.ori@juno.com>

> I think I pretty well have this circuit worked out in my mind except  
for the  
> D1,D2 switching.

This is a very simple circuit.

Let's think diodes conducting DC. When the "bottom" of R3 (marked R-) is at the supply voltage, D1 and D2 diodes have less than necessary to conduct, so no DC current flowing in them.

That's the situation during TX.

Remember that the high level transmit signal is also connected to the point marked B. The role of the T/R switch is to isolate point B from U1. If point B is at a peak positive voltage well above the supply, then diode D1

will conduct but diode D2 will be reverse-biased, behaving like an insulator

(ignoring "minor" effects).

Peak negative voltage reverse-biases D1 for a similar effect.

R1, R2 and R3 are a good compromise between cost, RF loading (which wastes TX energy and degrades receiver sensitivity) and the least DC current

for acceptable insertion losses (of the received signal) through D1/D2.

With a bit more budget, we can use chokes to block RF from going into the DC circuitry of the T/R switch.

> I don't quite understand the point of D7

This diode "clamps" the base of TR1 during receive, to neutralize this high gain amplifier. With the tuned circuit on the base, it might become a nice oscillator during receive.

> I am still out to lunch on the D4, D5 thingy.

D4/R7/C12 forms a circuit that charges C12 to 8V through R12 but discharges

through D4. That gives a different delay for charging and discharging. The voltage on C12 enables or disables the gate which connects pins 10 and 11 of U4.

The other diode is in a similar circuit.

The delays are tuned to avoid receiver path while the transmitter is still on.

Hope this clarifies a bit the two circuits.

No rocket science, just common sense!

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: mdwatt@usit.net (Marty Watt)  
Subject: [15170] Re: 38S T/R switch  
Message-ID: <33333ccc.113182045@smtp.usit.net>

On Thu, 20 Mar 1997 02:39:49 EST, ori@juno.com (Ori K Mizrahi-Shalom) wrote:

>Hope this clarifies a bit the two circuits.  
>No rocket science, just common sense!

Sure! But for those without knowledge (like me), common sense is anything but!

:)

Thanks!

72 es 73 de=20  
Marty, KM7W

-----  
Jackson, Tennessee e-mail: mdwatt@usit.net  
http://www.public.usit.net/mdwatt  
"The Curmudgeon's Corner"  
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq  
~~~~~

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Steve Hideg <Steve.Hideg.1@nd.edu>  
Subject: [15150] Re: 4 Daze in May  
Message-ID: <v03020906af5666c4208a@[129.74.35.26]>

At 9:51 PM -0500 3/19/97, Richard H. Arland wrote:

>Gang:

>

>Just got word that there will be a massive change in plans so I can  
>attend Dayton this year after all. Can someone fill me in on the "4 Daze  
>In May" festivities?

>

>73 rich K7SZ

<<http://qrp.cc.nd.edu/qrp-l/dayton/>>

-----  
Steve Hideg, N8HSC/9 QRP-L #136  
Check out the Internet QRP Club's site on the WorldWide Web:  
<<http://qrp.cc.nd.edu/QRP-L/>>

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Ken Lopez <kjlopez@earthlink.net>  
Subject: [15151] Re: April QST  
Message-ID: <3330BBC7.6E7B@earthlink.net>

QST April Fool's articals are a long'standing tradition. I remember as a kid reading a piece about a new "breakthrough" to increase power at RF. This was accomplished by adding a small guage wire soldered on end to a larger wire. The "theory" was that the electrons accellerated when squeezed into the smaller wire. It was complete with lengthy formulas, which, when worked, always came out to Zero! I just didnt get it, and while scratching my head, closed the magazine, and noticed it was the April issue. I have been a great deal more sceptical about everything I read ever since. That skill is now put to use daily in the modern media!

Cheers  
Ken, N6TZV

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: DYARNES@aol.com  
Subject: [15158] Re: April QST  
Message-ID: <970320012105\_-1973012466@emout20.mail.aol.com>

Aha! Another Larson E. Rapp fan!

72 de David W7AQK

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Ed Hare <ehare@arrl.org>  
Subject: [15185] Re: April QST  
Message-ID: <5grllk\$ve1@mgate.arrl.org>

Ken Lopez <kjlopez@earthlink.net> wrote:

>QST April Fool's articals are a long'standing tradition.

Yeah, but they always get somebody, no matter how far-fetched they are. One year we ran an article on "gravity-gradient modulation." The article talked about using antimatter. We actually received phone calls and letters from people who wanted to know where to buy the antimatter. At least a few of them were serious! :-)

72/73 from ARRL HQ,  
Ed Hare, KA1CV,  
ARRL Lab

"QPRers do it until the QSO is completed!"

'Hey, if QRPers sign "72" should the QRO gang sign "74?"'

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Rick Hadley" <r.hadley@www.mebbs.com>  
Subject: [15194] Re: April QST  
Message-ID: <1.5.4.16.19970320104850.1e6f8412@www.mebbs.com>

>  
>>QST April Fool's articals are a long'standing tradition.  
>  
>Yeah, but they always get somebody, no matter how far-fetched they are.  
>One year we ran an article on "gravity-gradient modulation." The article  
>talked about using antimatter. We actually received phone calls and  
>letters from people who wanted to know where to buy the antimatter. At  
>least a few of them were serious! :-)  
>  
>72/73 from ARRL HQ,  
>Ed Hare, KA1CV,  
>ARRL Lab

My favorite was the one on micro-narrowband FM in April '63, one month after I got my novice call, WN0FYG. I fell for it hook, line & sinker. Once I caught on the the joke I couldn't wait for the next April issue to see if I could find the spoof. I've looked forward to them ever since.

>

-----  
Richard W. (Rick) Hadley  
W0FG - Life Member ARRL  
QRP-L #1019  
r.hadley@www.mebbs.com  
The Solutions Store, Ltd.  
-----

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Harvey Hetland <n6mm@earthlink.net>  
Subject: [15195] Re: April QST  
Message-ID: <3331D607.226D@earthlink.net>

The April, 1963, April fool's article has also been one of my favorites. I remember reading it in the college library, along with a group of other student amateurs. All of us got a kick out of it. Sometimes I put forth the same falsehood to my students before launching into a discussion of FM bandwidth considerations. The QST April fool's article are a long and rich tradition. My March QST arrived two days ago .... wonder when April's will arrive?

Harvey, N6MM. QRP ARCI #51 QRP-L #318

Richard, W0FG commented:

> My favorite was the one on micro-narrowband FM in April '63, one month after  
> I got my novice call, WN0FYG. I fell for it hook, line & sinker. Once I  
> caught on the the joke I couldn't wait for the next April issue to see if I  
> could find the spoof. I've looked forward to them ever since.  
>

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: john andrews <jm165723@eee.org>  
Subject: [15217] Re: April QST  
Message-ID: <33319A20.4DCE@eee.org>

My favorite cartoon was that fella working at the work bench and a HUGE tome entitled 'Conversion Tables- Hz to CPS' in '73's Bookshop for several years.

John- N5INZ

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Vic Rosenthal <rakefet@rakefet.com>  
Subject: [15225] Re: April QST  
Message-ID: <3331A882.71BB@rakefet.com>

Rick Hadley wrote:

>

> My favorite was the one on micro-narrowband FM in April '63, one month after  
> I got my novice call, WN0FYG.

The all-time greatest joke article was in an ancient CQ magazine. It was a construction article for a "100-watt contest final" (in those days you got a multiplier for running less than 100 watts in various contests). The guy built it out of several surplus 750-TL's (old farts will know what this is - a SERIOUS vacuum tube). Only trouble was, his plate milliammeter kept going off scale. He tried bypassing it in various ways; finally he got it to read 100 ma. by putting a "low-inductance 1/2 inch copper strap" across the meter terminals! With 1500 volts on the plate, that gave him 150 watts, "well within the contest limit of 100 watts".

I still roll on the floor thinking about this (hmm, maybe I need more of a life).

Vic K2VCO

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>  
Subject: [15187] RE: BAN RTTY'ers  
Message-ID: <42192.owen@piper.eeel.nist.gov>

In message Thu, 20 Mar 1997 8:31:11 MST, Mike Robinson <miker@cc.com> writes:

> BUT, he obviously didn't bother to listen first.

>

> This guy has a responsibility to make sure the frequency is clear!

>

> I say ban RTTY to their own segments and let them

> ban CW to our own segment. We'll all win.

>

Well Michael I agree with you about a lot of the digital operators not listening before operating. Since it's easy to operate without having the speaker on I guess most just like to operate in silence. I'm not a digital operator, just never had the interest. However, your last suggestion needs to be corrected. The CW and the digital segments are the same as set by the



FCC. So they are operating where the FCC say they should. I think what you are referring are the "Gentlemen's agreements". Once again the Digital calling frequencies and the QRP frequencies are the same. The digital operator may operate wherever he desires just like the qrp operator and he's not doing anything wrong if he listens first and avoids a frequency that is in use. With the narrow bands that we have at the present time and the number of operators that use them at the same time, I don't know what the solution is..suggestions here guys...and to the ARRL. 72/73 Jim K4CGY qrp-1 #72

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Vic Rosenthal <rakefet@rakefet.com>  
Subject: [15223] Re: BAN RTTY'ers  
Message-ID: <3331A5CE.1089@rakefet.com>

Mike Robinson wrote:

>  
> Yeah, I know, some of you digiheads are curteous.  
> But, you're not the problem. Unfortunately, the  
> rotten apples are a fungus on the rest of you.  
> They're giving you a bad name.  
>  
> Last night I had the opportunity to work qrp/qrp  
> with w3eek in PA. He was on his QRP+ and I on  
> my FT890 at 5 watts. We started out fine and  
> were settling in for a nice qso when 'PING', my  
> meter goes to S9 and this pounding RTTY sig starts  
> chirping, BRDRBRDRBRDR BRDRBRDRBRDR BRDRBRDRBRDR.  
>

<snip>

An intersting thing happened to me the other day. I sent QRL? (on CW) before calling CQ, and immediately I heard "Browwp! Brrrowwp!". Since my cat wasn't in the room, I assume it was a 'digihead' telling me the frequency was in use. I moved. So this shows that some of them \_can\_ and \_do\_ copy CW. I think it would be great if we could coexist, to paraphrase Rodney King.

Vic K2VC0

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: mdwatt@usit.net (Marty Watt)  
Subject: [15231] Re: BAN RTTY'ers

Message-ID: <3333b0fc.142930706@smtp.usit.net>

On Thu, 20 Mar 1997 11:43:10 -0500 (EST), "James C. Owen, III"  
<owen@piper.eeel.nist.gov> wrote:

>In message Thu, 20 Mar 1997 8:31:11 MST, Mike Robinson <miker@cc.com> =  
writes:  
>  
>  
>> BUT, he obviously didn't bother to listen first.  
>>  
>> This guy has a responsibility to make sure the frequency is clear!  
>>  
>> I say ban RTTY to their own segments and let them  
>> ban CW to our own segment. We'll all win.  
>>  
>Well Michael I agree with you about a lot of the digital operators not  
>listening before operating. Since it's easy to operate without having =  
the  
>speaker on I guess most just like to operate in silence. I'm not a =  
digital  
>operator, just never had the interest. However, your last suggestion =  
needs  
>to be corrected. The CW and the digital segments are the same as set by =  
the  
>FCC. So they are operating where the FCC say they should. I think what =  
you  
>are referring are the "Gentlemen's agreements". Once again the Digital  
>calling frequencies and the QRP frequencies are the same. The digital  
>operator may operate wherever he desires just like the qrp operator and =  
he's  
>not doing anything wrong if he listens first and avoids a frequency that=  
is  
>in use. With the narrow bands that we have at the present time and the  
>number of operators that use them at the same time, I don't know what =  
the  
>solution is..suggestions here guys...and to the ARRL. 72/73 Jim K4CGY =  
qrp-1  
>#72

I think the solution is to ask digital mode ops to use the CW  
portion of their multi-mode controller to call "QRL?" before sending  
CQ in other digital modes.

Then, like CW ops, LISTEN for the reply!

At least, if I operated digital, this is what I'd do.

How can you ensure proper modulation on your signal if you don't listen via the speaker?

72 es 73 de=20  
Marty, KM7W

-----  
Jackson, Tennessee e-mail: mdwatt@usit.net  
http://www.public.usit.net/mdwatt  
"The Curmudgeon's Corner"  
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq  
-----

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: kd4kzq@juno.com (Jim A Norsworthy)  
Subject: [15222] re:Bob Kellogg-'Southern Brass'  
Message-ID: <19970320.145628.10111.0.kd4kzq@juno.com>

Hi Bob,

I'm new to QRP contests too, so was very interested in:

> Is it likely that one of the big contest groups is  
> going to switch to QRP? And, will their equipment  
> and experience wipe us out?

A rumor I heard at the Tuscaloosa hamfest was that  
"Sothern Brass" was a new group from the QRP-L list, top  
notch QRP ops, not QRO types.

Please keep us all informed on this, we may need to organize a group of  
our own.

TNX,

72/73 es CUL de Jim kd4kzq@juno.com

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Bob Follett" <bfollett@ditell.com>  
Subject: [15218] RE: FDIM Registration Update  
Message-ID: <199703202028.NAA00505@mars.ditell.com>

Gang:

Time for another FDIM Registration report. Things are shaping up nicely!  
Keep those checks flowing, as we are less than two months away! Currently 75  
of us on the list!

| LAST      | FIRST   | CALL   |
|-----------|---------|--------|
| Albert    | Ted     | KF8EE  |
| Bachmann  | Richard | N3SLR  |
| Beedlow   | Peter   | NN9K   |
| Benson    | Dave    | NN1G   |
| Bertuzzo  | Serge   | VA3SB  |
| Bornstein | Steve   | K8IDN  |
| Butler    | Ralph   | K6ZAN  |
| Butler    | Ray     | WA4KEJ |
| Carr      | Mike    | WA1QAA |
| Cavcey    | Ken     | W0YOR  |
| Corbin    | Robin   | NI9R   |
| Corbin    | Lowell  | W8IQB  |
| Cumming   | John    | VE3JC  |
| Douglas   | Preston | WJ2V   |
| Doyle     | Ron     | N8VAR  |
| Doyle     | Don     | AC5II  |
| Durbin    | Ken     | K8CQ0  |
| Eilers    | Michael | AC4XS  |
| Evans     | Ken     | W4DU   |
| Everhart  | Joe     | N2CX   |

|           |         |         |
|-----------|---------|---------|
| Fields    | Tom     | WB9VTY  |
| Firlik    | Don     | K8AQZ   |
| Firth     | Graham  | G3MFJ   |
| Fishpool  | Tony    | G4WIF   |
| Fitton    | Jim     | W1FMR   |
| Follett   | Bob     | AB7ST   |
| Foote     | John    | KR4GL   |
| Frisz     | Tom     | N9DD    |
| Gaffney   | Bernard | N8PVZ   |
| Gobrick   | Bob     | N0EB    |
| Goemans   | Paul    | WA9PWP  |
| Greer     | Jeffrey | WD4ETO  |
| Hartley   | Charles | KM3V    |
| Henshaw   | Jerry   | KR5L    |
| Heron     | George  | N2APB   |
| Hintz     | Gus     | W2ZHA   |
| Jivoin    | Gregory | WD8JTN  |
| Johney    | Gary    | N3BYN   |
| Johnson   | Harold  | W4ZCB   |
| Karty     | Steven  | N5SK    |
| Kellogg   | Bob     | AE4IC   |
| Kellogg   | Ellen   | A1XYL   |
| Kelsey    | Bill    | N8ET    |
| Ludinsky  | Chuck   | K1CL    |
| Lynch     | Martin  | KA1LXG  |
| Manuel    | Ed      | N5EM    |
| Massena   | Fred    | KG80K   |
| Matheson  | Hugh    | K0QD    |
| Meier     | Pete    | WK8S    |
| Midkiff   | Monte   | N7TAU   |
| Moyle     | Al      | N3KFL   |
| Muscolino | Bruce   | W6TOY/3 |
| Owen      | James   | K4CGY   |
| Passione  | Vince   | WA2ECP  |
| Puckett   | Dan     | WD8AAU  |
| Rea       | Al      | W8LRM   |
| Reed      | Wayne   | K9NE    |
| Reid      | Glen    | K5HGB   |
| Roberts   | Ken     | VE3BGW  |
| Rosenfeld | Scott   | NF3I    |
| Schill    | Bob     | N9ZZ    |
| Shearer   | Sam     | WB5ZJN  |
| Shilhanek | Terence | W0PFR   |
| Simon     | Ed      | K04CO   |
| Stafford  | Jim     | W4QO    |
| Tanton    | Ed      | N4XY    |
| Todd      | Ron     | K4WZ    |
| Touth     | Len     | KG8SF   |

|            |       |        |
|------------|-------|--------|
| Tracy      | Dan   | KC9RH  |
| Windish    | Walt  | KB2JE  |
| Winkler    | Dan   | N7IVR  |
| Wohlschlag | Dick  | WA9FLX |
| Younce     | Jim   | K4ZM   |
| Young      | Terry | K4KJP  |
| Young      | Paul  | KC2AHB |

FDIM 97 is May 15th, the day before Hamvention at Dayton. The conference runs all day at the Days Inn South, Miamisburg, OH

If you have not registered yet, send \$30 in US funds, check or MO, made out to Bob Follett, using the address below. A reminder, Pete Meier, WK8S, will handle the Banquet ticket reservations, and has posted his own instructions to the List.

#### HOTEL ROOMS:

The 75 Rooms Myron has reserved are filled, and Myron is still seriously ill. So if you have a question about your reservation, contact Buck, ARCI President, at n8cqa@aol.com -- he is hoping to get the list of reserved names from Myron. While there may be last minute cancellations available through Myron/Buck, or direct with the hotel, I suggest making reservations at one of the nearby hotels. I am providing a list, with phone numbers, taken from the Hamvention 97 brochure. They refer to this area as Section IV, for reference.

|                                           |                |
|-------------------------------------------|----------------|
| Best Western Continental Inn, Miamisburg, | (937) 866-5500 |
| Days Inn South, Miamisburg,               | (937) 847-8422 |
| Econo Lodge South, Dayton,                | (937) 223-0166 |
| Holiday Inn Dayton South, Moraine,        | (937) 294-1471 |
| Knights Inn Dayton South, Miamisburg,     | (937) 859-8797 |
| Red Roof Inn Miamisburg, Miamisburg,      | (937) 866-0705 |
| Signature Inn, Miamisburg,                | (937) 865-0077 |
| Super 8 Motel, Moraine,                   | (937) 298-0380 |

There is also the Hampton South, about 3-4 miles away. Phone # unknown

The Days Inn South address and local phone number are:

3555 Maimisburg Centerville  
Dayton, OH 45449  
513-847-8422

73, Bob  
FDIM Registration Chair

-----  
Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS  
2861 Estates Dr. VOICE: 801.649.6457  
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: wylde@nccn.net (P. Grover Cleveland)  
Subject: [15130] Re: Final Fox Finale  
Message-ID: <v02130500af55ccbf4ae@[199.174.137.196]>

Cam -

I've seen your lot so I was wondering about the N-S antenna. Are you using that special shortened rhombic with the near-field perambic rhombulators that I designed? I learned that it works better at about 0 degrees Kelvin if that helps. I can send down the Texas-Smasher cooling unit if you'd like to use it.

Grover  
K7TP

\*\*\*\*\*

Grover Cleveland, K7TP  
grover.cleveland@tek.com  
Sr. Training Engineer  
wylde@nccn.net  
Grass Valley Group/Tektronix  
71213.2741@compuserve.com

\* "Sorry - Windows 95 made me this  
way." \*

\*\*\*\*\*

[The Company wisely disavows any knowledge of what I say here.]

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: wd4et@juno.com  
Subject: [15128] Re: Fox 3-19-97  
Message-ID: <19970319.205326.4366.1.wd4et@juno.com>

Fox (W1EAT) is strong in Jax, FL

549 @ 2047 EST

73 Jeff, WD4ET

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Bob Hightower <ki7mn@dancris.com>  
Subject: [15127] Re: Fox in the bag; attack of the Q's  
Message-ID: <199703200147.SAA08363@dancris.com>

At 06:31 PM 3/19/97 +0000, you wrote:

>Hard to believe we actually made the QSO, between QSB, QRN and QRM in  
>the form of guys who send QRL? CQ... without bothering to listen.  
>Thought about hitting him with a 150W "C" but if everybody else was  
>listening as hard for Tom as I was I would have made no friends.

>

>Took me a whole bunch of tries but got it in the log at 0119 after a  
>new record of 11 repetitions of my name [g]. Anyhow, nice work under  
>very difficult conditions Tom-- hope to "catch you" again next year!

>

>

'Way to go Marshall. I got him at 0141, I think. He gave me an 'R' and I got  
his stuff, but I was a bit leery after hearing Mike K1MG struggle with him.  
Mike, he did get your call somewhere along in the middle, but I guess you  
couldn't hear him.

Congrats to both of you. It is tough out there tonight!

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP  
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
Subject: FS: HW-8 QRP

I have for sale a Heath HW-8 in very good condition. Selling price is  
\$125.00, you pay shipping. No power supply is included.

Bob/KJ7B0  
rmwatson@eskimo.com

----- Forwarded message ends here -----



Dick Dillman  
WPE2VT W6AWO  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Steve/n0tu <N0TU@webaccess.net>  
Subject: [15163] Re: My First Contact! EVER!!! :-)  
Message-ID: <3330EB68.73DA@webaccess.net>

Eric Via wrote:

>  
> YES!!!!  
>  
> It was a failure - but yet it was my first!!!  
>  
> I am SO HAPPY! Remember how you felt when you  
> were in my shoes!!?  
>  
> I think I may have woke up the family with my screaming!  
>  
> I gotta tell ya folks - I'm so happy! This is my FIRST contact  
> using CW - and it was QRP!  
>  
> Okay - here's what happened...you tell me how I went wrong or  
> right please!? I know you may find this boring - but I SURE  
> don't!!  
>  
> I was tuning around copying and having fun with my new HW-8 -  
> with the antenna in the attic - a 40 dipole. (That went well - but  
> only ONE side is straight - the other side goes upwards and then  
> does 2 small turns)  
>  
> But anyway - I did just what the book said - I listened, found a  
> clear freq, listened some more, and then sent my FIRST Morse  
> ever!! - "QRL ? K"  
>  
> ..nothing.  
>  
> So fired up my CQ CQ CQ DE AD4SS AD4SS AD4SS K  
>  
> And - holy cow this was cool - I heard -  
>

> "AD4SS DE AA10K"  
>  
> (This is the part where I screamed and my dog beside me on the  
> floor jumped up about a foot)  
>  
> He said his name was Steve and I got a 339 for RST.  
>  
> I told him this was my first contact and I was pretty excited. He  
> told me I was now stronger and asked for a sig report - I told him  
> he was 599, and my name again cause he missed it, and told him  
> about my rig.  
>  
> Here's where the trouble started. When he came back on -  
> all the sudden not one but 2 huge CW signals came out of  
> nowhere and BURRIED HIM!!!  
>  
> I searched and listened and cursed but he was buried under  
> these big-mouth CW signals! DOH!!!  
>  
> FIRST QUESTION:  
>  
> What do you do in a situation like this!? (Wouldn't ya know it  
> my FIRST contact was ruined!) Do you sit and wait? That's  
> what I figured I'd do, but never found the guy again! :-(  
>  
> Oh well - it was GREAT FUN! I sure wish I'd got his QTH  
> though! Darn it!!  
>  
> Oh man - I DO see the thrill now - I do indeed - that was the  
> greatest!!  
>  
> 72 Eric AD4SS  
> ericvia@why.net  
>  
> PS - sorry to ramble - but I'm sure you can understand  
> my excitement! You were there once too! :-)

CONGRATES! Eric...This is the essence of this sport! Savor these moments! I know of what speak...I was sitting in a snow cave calling CQ for what seemed like hours almost gave up! I also tried calling other stations...and then finally a weak signal echoed my call! WOW! someone heard me!! First QSOs are GREAT FUN! They happen more than once...as a matter of fact just about every QSO is rather unique...Ya never know who, how far, or what station is going to respond to your signal...Or what subject of discussion you might explore with the other station. That's the fun! Wait til you've built you own litttle rig and hear signals popping out it and make a contact...your dog will probably have a coronary from all the excitement!

About loosing him...thats part of the game too...sometimes band conditions change, sometimes QRN steals your QSO out from under you, and sometimes QRM moves in, (and you want to say HEY! CAN'T THEY HEAR WE'RE HAVING A QSO HERE!!) maybe than can and maybe they can't...anyway there's no excuse for bad manners unfortunately not all hams pay attention to this...most likely the other loud stations didn't hear you first. You'll gain skill at pulling stations through the QRM/QRN with time and experience it's all part of the fun of this radio sport stuff! BUT..Thank you for sharing your FIRST QSO/QRP with us...I thoroughly enjoyed it! especially about your dog!(hi) (Great visuals)

Keep pounding on that brass! It's a healthy habit!! I'll be listening for you!! ;-)

CUL Steve

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Ed Tanton <n4xy@avana.net>  
Subject: [15164] Re: My First Contact! EVER!!! :-)  
Message-ID: <3.0.1.32.19970320031731.0098ec00@tiger.avana.net>

Failure? ABSOLUTELY NOT Eric!!! You SUCCEEDED in having your very first 2-way CW amateur radio QSO. OK... so it didn't end to well.... I'll bet when you QSL AA10K he will have rcvd that signal report. Everyone has their own criteria for exactly what a "good" QSO is. In the case of your first ever: the word is not only "good"... it was obviously WONDERFUL!!!

I cannot tell you how much I enjoyed your sharing your moment with all of us... and returning to that moment of mine 36 years ago next month. Thank you very much... and I shall certainly keep an ear open for AD4SS!!!  
Congratulations and WELCOME!!!!  
72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX  
189 Pioneer Trail  
Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140  
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA  
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Chris Cartwright <ccart@dns.vidtel.com>  
Subject: [15171] Re: My First Contact! EVER!!! :-)  
Message-ID: <Pine.LNX.3.93.970320083819.477B-100000@dns.vidtel.com>

On Thu, 20 Mar 1997, Eric Via wrote:

> YES!!!!  
>  
> It was a failure - but yet it was my first!!!  
>  
> I am SO HAPPY! Remember how you felt when you  
> were in my shoes!!?

Boy, do I ever! And it was waaaaaay back in October of '96. Took me a long time to get up the nerve, I kept bargaining with myself, "Well if he calls CQ just one more time..." He was sending slow enough that I could copy his call on the first try, but as soon as he came back to me I "knew" he was sending at 50 wpm 'cause I didn't get any of it. I just vapor locked for few seconds, couldn't even copy --- --, then I explained it was my first ever CW contact and he went at about 3wpm. We had a nice rag chew and I got upset at one point about him calling me a "lid". Turns out, when I went back over my copy, that he actually sent "SOLID CPY" and not "SO LID CPY" which is what I wrote down :) I wrote him a nice letter with my QSL (with copy of what I copied) and got the same back. He's a ham in is 90's and been a ham longer than most of us have been alive. I've run into him once or twice on 40 since then and never fail to give him a call.

I owe Merritt quite a bit, if he hadn't been calling so slow and so long, and been so patient that afternoon, I might still be waiting for my first CW contact. I've been waiting to return the favor of that first CW contact, any hints from the list on how to draw the timid out of listen mode other than sending a CQ at a single digit rate and hoping?

For all those who only "lurk" on the list, or run "RX" only on the HF rig, jump in, the ether's fine :) Only ever had one person not slow down for me and that was during a contest, understandable. So try for one CW QSO a day, what's the worst that can happen...

73

|                                           |  |                                                                         |
|-------------------------------------------|--|-------------------------------------------------------------------------|
| -- Christopher Cartwright, Tech. Engineer |  | ccart@vidtel.com                                                        |
| -- Phone 301.990.0735 N3XRV QRP-L #655    |  | ccart@erols.com                                                         |
| -- QRP WAS 11/3 (w/c) QRP-ARCI #9271      |  | <a href="http://dns.vidtel.com/~ccart">http://dns.vidtel.com/~ccart</a> |

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Steve Hurst" <shurst@magiclink.com>  
Subject: [15184] Re: My First Contact! EVER!!! :-)  
Message-ID: <199703201538.KAA28207@nss2.CC.Lehigh.EDU>

Falling out of my chair laughing ( not at you, with you ! ). For I have  
done the same thing ! Not with the same phrase, but others that were funny  
after the fact !!! :-)  
Congrats on the first QSO, mine was on 40 meters back in 1982, with a YL in  
Montana ! Will never forget it ! Ham radio is a great hobby.....

73,  
Steve Hurst  
KA7NOC  
shurst@magiclink.com

-----

( SNIP )

>  
>I got upset at one point about him calling me a  
> "lid". Turns out, when I went back over my copy, that he actually sent  
> "SOLID CPY" and not "SO LID CPY" which is what I wrote down :)

> -- Christopher Cartwright, Tech. Engineer | ccart@vidtel.com  
> -- Phone 301.990.0735 N3XRV QRP-L #655 | ccart@erols.com  
> -- QRP WAS 11/3 (w/c) QRP-ARCI #9271 |  
<http://dns.vidtel.com/~ccart>  
>  
>  
>

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: k5vp@earthlink.net (Kevin Potter)  
Subject: [15234] Re: No more FCC DOB Info?  
Message-ID: <v01540b00af570c5d3e8a@[206.149.202.79]>

Has anyone noticed that the FCC has  
>stopped providing date-of-birth info to the online callsign  
>databases? At least UALR says so. Why?

Yes, this was announced a few weeks ago on Newslink & the ARRL letter. I think that a privacy issue was brought up.

>

>Frankly I've always liked finding out how old the folks are  
>that I've swapped RF with.

Me, too. Though, on eves on 80 & mornings on 20 & 40 most of the older hams are talking about their medication, what type of doctor they're seeing & who SKed in the last few months. :-)

Kevin

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: roy lincoln <x5m7v7wl@coastalnet.com>  
Subject: [15232] Re: NW8020 report  
Message-ID: <1.5.4.16.19970320182629.19474834@mail1.coastalnet.com>

Hi Phil

I received one of the rigs you described as a Christmas present in Dec. and had a similiar experience with Roy and missing or incorrect parts. He was prompt to remedy the situation. I also agree with much of what you said with regard to the quality of the rig. My only complaint was that the vfo core is wound with # 34 wire. The enamel on it is very stubborn. As you know, #34 can't take much stress so scraping the enamel off is almost impossible. burning it off with the tip of a soldering iron is nearly impossible too. The wire literally melts first. Then there is the fact that the wire is so fine that the turns are un-disciplined and also the use of #34 is not in harmony with the idea of hi-q/rigid turns/low resistance in a vfo application. I wrote Roy and told him "not in my rig"! I wound mine with # 32 or # 30 and was much happier! Other than that i am very pleased with the kit. Come to think of it i didn't like the "wire" tuning pointer either. 30 m. is a great QRP band. BCNU there.

72/73 Roy WA4DOU

>

>

>

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "Jeremy Cowgar" <jcowgar@villers.com>  
Subject: [15215] Re: Problem with TiCK-1 Keyer - FIXED

Message-ID: <B00000007005@mail.villers.com>

Problem fixed. Thanks to all who helped me out. It was the Buzzer (Was a PIEZO), however obviously not the correct type. Not sure why it did what it did, however putting the correct type in the circuit fixed the problem.

Thanks to all!

Jeremy Cowgar - KB8LFA  
KB8LFA@qsl.net

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Joe Gervais <vole@primenet.com>  
Subject: [15221] Re: Sierra AZ Sale  
Message-ID: <199703202055.NAA16977@usr10.primenet.com>

Steve (WW7Y) wrote:

>  
> The Sierra has found a new home in AZ. It will be happy  
> with lots other Norcal Kits.

OK, this is driving us 'Zonies nuts - who's the lucky critter?!? We'll find out soon enough anyway when the guilty party starts complaining about "Toroid Finger Syndrome", so you may as well spill the beans now. :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And then you must cut down the mightiest tree in the forest with... A HERRING!"

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Chris Cartwright <ccart@dns.vidtel.com>  
Subject: [15198] Re: Troublesome Exchanges  
Message-ID: <Pine.LNX.3.93.970320113249.477F-1000000@dns.vidtel.com>

On Thu, 20 Mar 1997, Mark S. Adams wrote:

> abandoned me when I sent then 4Q. I did not even realize what was going on  
> until the second guy told me "same to you buddy!" So on the third try I

Like most states MD has vanity automobile tags, saw one a few months ago that read "QQQQ", guess an overactive imagination will get you around most things, including the censors!

ObQrp: Price Club (and others I'm sure) carry Panasonic 9V nicads in a two pack for \$5-6. They really are 9V, (not 7.2) I have one in use on the keyer and it consistently sits at about 9.2V. They're only rated for 120mAH (a Duracell 9V is 565mAH) but for roughly the same price they're rechargeable. After five recharges I'm ahead of the game. Only got two, have to go back for some more. Hmmm... wonder what would happen if I ran 18.4v to the 49er...

72

|                                           |  |                                                                         |
|-------------------------------------------|--|-------------------------------------------------------------------------|
| -- Christopher Cartwright, Tech. Engineer |  | ccart@vidtel.com                                                        |
| -- Phone 301.990.0735 N3XRV QRP-L #655    |  | ccart@erols.com                                                         |
| -- QRP WAS 11/3 (w/c) QRP-ARCI #9271      |  | <a href="http://dns.vidtel.com/~ccart">http://dns.vidtel.com/~ccart</a> |

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Joe Gervais <vole@primenet.com>  
Subject: [15191] Re: W1EAT's post  
Message-ID: <199703201604.JAA02132@usr04.primenet.com>

Howdy Folks,

Chuck (K5F0) wrote:

>  
> AZ really got going in the last of the season, guess they saw  
> TX and CA having too much fun. :-)

Just consider it a warning shot for next year... :-)

> Anyone think it's a waste of time and energy?

Depends - Are you asking me or my wife? ;-)

Glad to hear I won't be alone on 17m this summer! Was planning to camp out there anyway to work on my DXCC, but with TMPS becoming WIMPS, it'll be nice to have some "local" critters to talk to. Great idea! See all of you out there!



Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Bring out... THE COMFY CHAIR!!!"

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: TMOLL@aol.com  
Subject: [15211] Re: W6MMA'S COIL FOR SLV - long  
Message-ID: <970320132316\_280834240@emout18.mail.aol.com>

NR3E/5 asked

<< Interested in hearing from anybody who has tried  
the 80-10m or 40-10m coil mod for the SLV offered  
by W6MMA.

How does she work? I'm very interested in getting  
this one. >>

I sent Vern off a MO as soon as I saw his address on the list. I thought it would probably take a month or so to get anything back - the post didn't say he was actually taking orders. Well, much to my surprise, a box was in the mail in a bout a week, and I was not disappointed. The workmanship is very good, and it does indeed work. I got the large 80m version. I had the SLV all built up, but frankly did not have much confidence in the twinlead coil design, so I never fired it up. I heard about the coil mod right after I built the SLV, so thought I'd just wait. Consequently I do not have a comparison to the original design.

I got to try it out at my nothern MN cabin last weekend. Very cold (-10F) and 3 feet of snow on the ground still, so decided to just set it up indoors. I have a 25 foot high ceiling, so it fit just fine in the middle of the living room. I used just 2 of the original SLV design radials, not having had time yet to build the rotor cable version. Well, early morning 20m was wall to wall European dx, but had trouble working any - listened mostly. Tried 40m and made several very solid rag chew contacts with good sig reports. Did manage to work FLA on 20m SSB. After standing looking at the antenna, I realized that I was underneath a metal foil canopy !! I had used a foil covered insulating board to form the ventilation air channels in the roof of the cabin, the covered that with fibreglass insulation. Its hard to tell how detrimental this may have been to my signal getting out, but I doubt if it helps! Gotta get this antenna outdoors next time. I am sure the additional radials will help also.

Subjectively, with this short time to evaluate, I'd say it works very well. I could tune it on 80, 40, and 20 no problem - just listen to the rx come alive as you move the coil tap and you are very close. I did not use a tuner - just

an Argonaut 509 thru 10 feet of coax, and could get the swr very low very easily. The settings are repeatable after band changes and it "hears" very well.

Common disclaimers. Go for it - you won't be sorry.

72, Tom Moll, NoBS

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997

From: Bob Hightower <ki7mn@dancris.com>

Subject: [15175] Re: WAS Web address

Message-ID: <199703201437.HAA17233@dancris.com>

At 12:56 AM 3/20/97 -0500, you wrote:

>Here it is:

><http://www.dancris.com/~ki7mn/fsfmsked.htm>

>

>No freqs listed though (unless I missed something).

>I'm hoping that the ops and their freqs will be posted prior to each

>day of operation (helps us Digest subscribers) <hint hint>.

>

>

Mike K1MG posts the times and freqs each week, as well. If I catch the post in time, I'll put it on the page, but it may be tight.

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ Grid DM43bi Lat 33.334500 Long -111.87260

NorCal #1221 ARCI #8918 Qrp-l #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

From owner-qrp-l@Lehigh.EDU Thu Mar 20 18:04:08 1997

From: mdwatt@usit.net (Marty Watt)

Subject: [15159] Re: What does it cost?

Message-ID: <3336d7e0.87342183@smtp.usit.net>

On Wed, 19 Mar 1997 20:01:03 -0800, Doug Hendricks

<ki6ds@dpol.k12.ca.us> wrote:

>Guys, I have been reading the threads about the 38 Special contacts,  
>troubles, fun, highs, lows, despairs, frustrations, joys, etc... with a =  
lot

>of pride. Both Jim and I have been asked many times why we do what we =  
do

>with the NorCal kits. If you read Marty's postings over the past 2 =  
weeks,  
>and shared the obvious joy and glee of his finally getting the rig to =  
work  
>and his self satisfaction, you have an idea. What does an education =  
cost?  
>I don't know, but seeing the satisfaction in Marty's post makes it worth=  
it  
>to a teacher like me. Thank you Marty, and all of the other 38 Special  
>posters for sharing with the 38 Special team. We do appreciate it. =  
And,  
>go ahead and send those orders in, as Jim will have kits by Monday. The  
>boards for the third run of 500 were picked up last night, the parts are  
>coming in from Mouser and Digikey, and I have a free weekend to put kits  
>together!!

And a big thank you to you, Jim, and especially Ori. I've said  
before and said again: The tech support here rivals that of the  
best customer service oriented company in the world, bar none.

I should already be on the list for the next run ... and this one  
should be even more fun. Debugging is a trip -- problem solving  
where \*nobody\* knows the answer in advance, and you can't turn to  
the back of the book. Hopefully, the next one will be a  
"straightforward" construction, and will work well from the get-go.

I'm still working on a construction manual that will "consolidate"  
most of the primary mods -- 5 watt, variable RF out, TiCK, etc. --  
for those novice builders that will be in the next run of kits. Job  
searching demands a bit of time, and we have a Skywarn training  
class this weekend, so it will be much later next week before it's  
ready for beta testing ...

This building think is truly a kick ...

... and I'm sure operating will be even more fun!

72 es 73 de=20  
Marty, KM7W

---

Jackson, Tennessee e-mail: [mdwatt@usit.net](mailto:mdwatt@usit.net)  
<http://www.public.usit.net/mdwatt>  
"The Curmudgeon's Corner"  
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq

---

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: N4JS <jsielke@pobox.com>  
Subject: [15205] Re: WIMPS  
Message-ID: <Pine.LNX.3.95.970320121247.3723A-100000@jsielke.ppp.cyberenet.net>

A thought occurred to me. It might be a good idea to make it a "rule" to put "WIMPS:" at the beginning of the Subject: line in WIMPS reports. There may be those who are not interested, and could then filter/delete them. (Although I can't imagine why). I for one, am working on a multi-band 30/17/12M dipole!

|                                 |                                                                     |                |                  |
|---------------------------------|---------------------------------------------------------------------|----------------|------------------|
| _ _ _ _ _                       | John L. Sielke                                                      | n4js@amsat.org | n4js@pobox.com   |
| \           _     / _ _         | n4js@n4js.ampr.org                                                  | NJ Grid:FM29LN |                  |
| . '     _ _         \ _ _ \     | <a href="http://www.pobox.com/~n4js">http://www.pobox.com/~n4js</a> |                |                  |
| _   \ _     _   \ _ _ /   _ _ / | NJ-QRP #57                                                          | QRP-L #884     | QRP-ARCI #9328   |
| NE-QRP #507                     | G-QRP #9544                                                         | NorCal         | QCWA FISTS #2781 |

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: "David D. Meacham" <ddm@datatamers.com>  
Subject: [15212] Re: WIMPS [long]  
Message-ID: <Pine.LNX.3.91.970320100652.17600B-100000@dt1.datatamers.com>

Chuck,  
A BIG "Thank You" for all your efforts in thr FOX Hunts! Even though I didn't score very well I had a LOT of fun. Just put up a 30-meter half sloper. Was looking forward to Tmps...now WIMPS...got to get a 17-meter antenna, too!

One item for next year's FOX hunts: Here in central CA the region from 7.036 to 7.039 is usually a mess of various digital stuff...very hard to weed out Foxii. I'd like to request a different frequency region, say 7.030 to 7.035, or 7.042 to 7.047. Whatsay?  
72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Thu Mar 20 18:04:08 1997  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [15214] Re: WIMPS [long]  
Message-ID: <Pine.SUN.3.90.970320103235.9766E-100000@vortex.sage.dri.edu>

On Thu, 20 Mar 1997, David D. Meacham wrote:

> One item for next year's FOX hunts: Here in central CA the region from  
> 7.036 to 7.039 is usually a mess of various digital stuff...very hard to  
> weed out Foxii. I'd like to request a different frequency region, say  
> 7.030 to 7.035, or 7.042 to 7.047. Whatsay?  
> 72, Dave, W6EMD

I vote for 42-47. Gets out of some of my noise!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....